

DNA SeqID	Protein SeqID	Gene LocusID	DNA SeqID	Protein SeqID	Gene LocusID	DNA SeqID	Protein SeqID	Gene LocusID
11986	48170	BCE114267	24048	60232	KPN306848	36109	72293	SMU100791
11987	48171	BCE114286	24049	60233	KPN306854	36110	72294	SMU100793
11988	48172	BCE114299	24050	60234	KPN306892	36111	72295	SMU100795
11989	48173	BCE114303	24051	60235	KPN306928	36112	72296	SMU100796
11990	48174	BCE114309	24052	60236	KPN306960	36113	72297	SMU100800
11991	48175	BCE114311	24053	60237	KPN306988	36114	72298	SMU100802
11992	48176	BCE114338	24054	60238	KPN306992	36115	72299	SMU100803
11993	48177	BCE114366	24055	60239	KPN307027	36116	72300	SMU100804
11994	48178	BCE114396	24056	60240	KPN307029	36117	72301	SMU100806
11995	48179	BCE114401	24057	60241	KPN307040	36118	72302	SMU100809
11996	48180	BCE114418	24058	60242	KPN307048	36119	72303	SMU100817
11997	48181	BCE114431	24059	60243	KPN307117	36120	72304	SMU100819
11998	48182	BCE114441	24060	60244	KPN307137	36121	72305	SMU100823
11999	48183	BCE114457	24061	60245	KPN307162	36122	72306	SMU100824
12000	48184	BCE114461	24062	60246	KPN307303	36123	72307	SMU100841
12001	48185	BCE114462	24063	60247	KPN307304	36124	72308	SMU100846
12002	48186	BCE114465	24064	60248	KPN307346	36125	72309	SMU100848
12003	48187	BCE114473	24065	60249	KPN307371	36126	72310	SMU100850
12004	48188	BCE114484	24066	60250	KPN307408	36127	72311	SMU100854
12005	48189	BCE114517	24067	60251	KPN307471	36128	72312	SMU100855
12006	48190	BCE114521	24068	60252	KPN307476	36129	72313	SMU100858
12007	48191	BCE114526	24069	60253	KPN307509	36130	72314	SMU100859
12008	48192	BCE114538	24070	60254	KPN307585	36131	72315	SMU100862
12009	48193	BCE114545	24071	60255	KPN307601	36132	72316	SMU100865
12010	48194	BCE114553	24072	60256	KPN307613	36133	72317	SMU100869
12011	48195	BCE114555	24073	60257	KPN307669	36134	72318	SMU100871
12012	48196	BCE114560	24074	60258	KPN307676	36135	72319	SMU100876
12013	48197	BCE114567	24075	60259	KPN307712	36136	72320	SMU100878
12014	48198	BCE114633	24076	60260	KPN307753	36137	72321	SMU100880
12015	48199	BCE114648	24077	60261	KPN307759	36138	72322	SMU100881
12016	48200	BCE114655	24078	60262	KPN307938	36139	72323	SMU100883
12017	48201	BCE114693	24079	60263	KPN307946	36140	72324	SMU100886
12018	48202	BCE114708	24080	60264	KPN307947	36141	72325	SMU100890
12019	48203	BCE114721	24081	60265	KPN307953	36142	72326	SMU100891
12020	48204	BCE114722	24082	60266	KPN308025	36143	72327	SMU100892
12021	48205	BCE114725	24083	60267	KPN308058	36144	72328	SMU100894
12022	48206	BCE114751	24084	60268	KPN308062	36145	72329	SMU100896
12023	48207	BCE114763	24085	60269	KPN308114	36146	72330	SMU100898
12024	48208	BCE114764	24086	60270	KPN308134	36147	72331	SMU100904
12025	48209	BCE114774	24087	60271	KPN308138	36148	72332	SMU100907
12026	48210	BCE114776	24088	60272	KPN308152	36149	72333	SMU100908
12027	48211	BCE114784	24089	60273	KPN308180	36150	72334	SMU100910
12028	48212	BCE114785	24090	60274	KPN308220	36151	72335	SMU100912
12029	48213	BCE114807	24091	60275	KPN308245	36152	72336	SMU100919
12030	48214	BCE114835	24092	60276	KPN308256	36153	72337	SMU100923
12031	48215	BCE114850	24093	60277	KPN308271	36154	72338	SMU100931
12032	48216	BCE114856	24094	60278	KPN308310	36155	72339	SMU100935
12033	48217	BCE114868	24095	60279	KPN308311	36156	72340	SMU100937
12034	48218	BCE114906	24096	60280	KPN308332	36157	72341	SMU100938
12035	48219	BCE114915	24097	60281	KPN308372	36158	72342	SMU100940
12036	48220	BCE114917	24098	60282	KPN308452	36159	72343	SMU100942
12037	48221	BCE114975	24099	60283	KPN308496	36160	72344	SMU100943
12038	48222	BCE114986	24100	60284	KPN308497	36161	72345	SMU100946
12039	48223	BCE115030	24101	60285	KPN308524	36162	72346	SMU100950
12040	48224	BCE115034	24102	60286	KPN308603	36163	72347	SMU100954

DNA SeqID	Protein SeqID	Gene LocusID	DNA SeqID	Protein SeqID	Gene LocusID	DNA SeqID	Protein SeqID	Gene LocusID
12041	48225	BCE115057	24103	60287	KPN308636	36164	72348	SMU100956
12042	48226	BCE115062	24104	60288	KPN308651	36165	72349	SMU100957
12043	48227	BCE115084	24105	60289	KPN308657	36166	72350	SMU100958
12044	48228	BCE115088	24106	60290	KPN308666	36167	72351	SMU100962
12045	48229	BCE115095	24107	60291	KPN308672	36168	72352	SMU100963
12046	48230	BCE115108	24108	60292	KPN308674	36169	72353	SMU100972
12047	48231	BCE115118	24109	60293	KPN308679	36170	72354	SMU100974
12048	48232	BCE115125	24110	60294	KPN308692	36171	72355	SMU100975
12049	48233	BCE115140	24111	60295	KPN308697	36172	72356	SMU100986
12050	48234	BCE115174	24112	60296	KPN308700	36173	72357	SMU100987
12051	48235	BCE115180	24113	60297	KPN308721	36174	72358	SMU100992
12052	48236	BCE115205	24114	60298	KPN308726	36175	72359	SMU100993
12053	48237	BCE115215	24115	60299	KPN308727	36176	72360	SMU100995
12054	48238	BCE115231	24116	60300	KPN308729	36177	72361	SMU100999
12055	48239	BFR100028	24117	60301	KPN308756	36178	72362	SMU101001
12056	48240	BFR100037	24118	60302	KPN308783	36179	72363	SMU101004
12057	48241	BFR100047	24119	60303	KPN308799	36180	72364	SMU101006
12058	48242	BFR100058	24120	60304	KPN308841	36181	72365	SMU101007
12059	48243	BFR100072	24121	60305	KPN308845	36182	72366	SMU101008
12060	48244	BFR100084	24122	60306	KPN308865	36183	72367	SMU101010
12061	48245	BFR100085	24123	60307	KPN308870	36184	72368	SMU101016
12062	48246	BFR100087	24124	60308	KPN308873	36185	72369	SMU101017
12063	48247	BFR100093	24125	60309	KPN308876	36186	72370	SMU101018
12064	48248	BFR10010	24126	60310	KPN308894	36187	72371	SMU101019
12065	48249	BFR100113	24127	60311	KPN308897	36188	72372	SMU101024
12066	48250	BFR100129	24128	60312	KPN308912	36189	72373	SMU101026
12067	48251	BFR100135	24129	60313	KPN308934	36190	72374	SMU101029
12068	48252	BFR100168	24130	60314	KPN308952	36191	72375	SMU101030
12069	48253	BFR100173	24131	60315	KPN308954	36192	72376	SMU101031
12070	48254	BFR100177	24132	60316	KPN308982	36193	72377	SMU101032
12071	48255	BFR100189	24133	60317	KPN309027	36194	72378	SMU101036
12072	48256	BFR100205	24134	60318	KPN309030	36195	72379	SMU101037
12073	48257	BFR100206	24135	60319	KPN309045	36196	72380	SMU101038
12074	48258	BFR100208	24136	60320	KPN309050	36197	72381	SMU101039
12075	48259	BFR100214	24137	60321	KPN309059	36198	72382	SMU101041
12076	48260	BFR100242	24138	60322	KPN309062	36199	72383	SMU101043
12077	48261	BFR100255	24139	60323	KPN309070	36200	72384	SMU101048
12078	48262	BFR100259	24140	60324	KPN309071	36201	72385	SMU101053
12079	48263	BFR100304	24141	60325	KPN309093	36202	72386	SMU101054
12080	48264	BFR100314	24142	60326	KPN309113	36203	72387	SMU101057
12081	48265	BFR100316	24143	60327	KPN309121	36204	72388	SMU101064
12082	48266	BFR100332	24144	60328	KPN309152	36205	72389	SMU101066
12083	48267	BFR10034	24145	60329	KPN309157	36206	72390	SMU101068
12084	48268	BFR100347	24146	60330	KPN309179	36207	72391	SMU101072
12085	48269	BFR100350	24147	60331	KPN309180	36208	72392	SMU101074
12086	48270	BFR100362	24148	60332	KPN309208	36209	72393	SMU101079
12087	48271	BFR100366	24149	60333	LMO100012	36210	72394	SMU101081
12088	48272	BFR100408	24150	60334	LMO100015	36211	72395	SMU101082
12089	48273	BFR100412	24151	60335	LMO100023	36212	72396	SMU101086
12090	48274	BFR100416	24152	60336	LMO100025	36213	72397	SMU101088
12091	48275	BFR10042	24153	60337	LMO100028	36214	72398	SMU101095
12092	48276	BFR100422	24154	60338	LMO100030	36215	72399	SMU101096
12093	48277	BFR100428	24155	60339	LMO100031	36216	72400	SMU101099
12094	48278	BFR100429	24156	60340	LMO100034	36217	72401	SMU101103
12095	48279	BFR100430	24157	60341	LMO100036	36218	72402	SMU101104

DNA SeqID	Protein SeqID	Gene LocusID	DNA SeqID	Protein SeqID	Gene LocusID	DNA SeqID	Protein SeqID	Gene LocusID
12096	48280	BFR100448	24158	60342	LMO100038	36219	72403	SMU101105
12097	48281	BFR100456	24159	60343	LMO100045	36220	72404	SMU101107
12098	48282	BFR100487	24160	60344	LMO100047	36221	72405	SMU101110
12099	48283	BFR100495	24161	60345	LMO100059	36222	72406	SMU101114
12100	48284	BFR10050	24162	60346	LMO100062	36223	72407	SMU101118
12101	48285	BFR10051	24163	60347	LMO100063	36224	72408	SMU101121
12102	48286	BFR100523	24164	60348	LMO100084	36225	72409	SMU101127
12103	48287	BFR100529	24165	60349	LMO100087	36226	72410	SMU101129
12104	48288	BFR100550	24166	60350	LMO100089	36227	72411	SMU101137
12105	48289	BFR100551	24167	60351	LMO100095	36228	72412	SMU101138
12106	48290	BFR100579	24168	60352	LMO100103	36229	72413	SMU101140
12107	48291	BFR100583	24169	60353	LMO100106	36230	72414	SMU101141
12108	48292	BFR100585	24170	60354	LMO100107	36231	72415	SMU101143
12109	48293	BFR100594	24171	60355	LMO100111	36232	72416	SMU101145
12110	48294	BFR100600	24172	60356	LMO100114	36233	72417	SMU101147
12111	48295	BFR100601	24173	60357	LMO100117	36234	72418	SMU101151
12112	48296	BFR100604	24174	60358	LMO100122	36235	72419	SMU101154
12113	48297	BFR100612	24175	60359	LMO100124	36236	72420	SMU101164
12114	48298	BFR100617	24176	60360	LMO100125	36237	72421	SMU101166
12115	48299	BFR10062	24177	60361	LMO100131	36238	72422	SMU101169
12116	48300	BFR100626	24178	60362	LMO100133	36239	72423	SMU101170
12117	48301	BFR100630	24179	60363	LMO100137	36240	72424	SMU101177
12118	48302	BFR10064	24180	60364	LMO100139	36241	72425	SMU101178
12119	48303	BFR10065	24181	60365	LMO100144	36242	72426	SMU101180
12120	48304	BFR100659	24182	60366	LMO100148	36243	72427	SMU101182
12121	48305	BFR100671	24183	60367	LMO100159	36244	72428	SMU101184
12122	48306	BFR100673	24184	60368	LMO100160	36245	72429	SMU101186
12123	48307	BFR100706	24185	60369	LMO100162	36246	72430	SMU101188
12124	48308	BFR100717	24186	60370	LMO100168	36247	72431	SMU101189
12125	48309	BFR100721	24187	60371	LMO100173	36248	72432	SMU101194
12126	48310	BFR100727	24188	60372	LMO100177	36249	72433	SMU101202
12127	48311	BFR100732	24189	60373	LMO100185	36250	72434	SMU101203
12128	48312	BFR100736	24190	60374	LMO100186	36251	72435	SMU101205
12129	48313	BFR100762	24191	60375	LMO100188	36252	72436	SMU101206
12130	48314	BFR100765	24192	60376	LMO100193	36253	72437	SMU101208
12131	48315	BFR10077	24193	60377	LMO100194	36254	72438	SMU101210
12132	48316	BFR100793	24194	60378	LMO100196	36255	72439	SMU101216
12133	48317	BFR100811	24195	60379	LMO100203	36256	72440	SMU101217
12134	48318	BFR100838	24196	60380	LMO100212	36257	72441	SMU101221
12135	48319	BFR100846	24197	60381	LMO100213	36258	72442	SMU101222
12136	48320	BFR100859	24198	60382	LMO100218	36259	72443	SMU101225
12137	48321	BFR100860	24199	60383	LMO100220	36260	72444	SMU101227
12138	48322	BFR100872	24200	60384	LMO100231	36261	72445	SMU101229
12139	48323	BFR100882	24201	60385	LMO100235	36262	72446	SMU101230
12140	48324	BFR100885	24202	60386	LMO100238	36263	72447	SMU101232
12141	48325	BFR100886	24203	60387	LMO100245	36264	72448	SMU101239
12142	48326	BFR100896	24204	60388	LMO100253	36265	72449	SMU101241
12143	48327	BFR10090	24205	60389	LMO100254	36266	72450	SMU101244
12144	48328	BFR100902	24206	60390	LMO100259	36267	72451	SMU101245
12145	48329	BFR100912	24207	60391	LMO100272	36268	72452	SMU101249
12146	48330	BFR100918	24208	60392	LMO100275	36269	72453	SMU101251
12147	48331	BFR10093	24209	60393	LMO100277	36270	72454	SMU101253
12148	48332	BFR100937	24210	60394	LMO100280	36271	72455	SMU101264
12149	48333	BFR100940	24211	60395	LMO100281	36272	72456	SMU101270
12150	48334	BFR100953	24212	60396	LMO100282	36273	72457	SMU101272

DNA SeqID	Protein SeqID	Gene LocusID	DNA SeqID	Protein SeqID	Gene LocusID	DNA SeqID	Protein SeqID	Gene LocusID
12151	48335	BFR100955	24213	60397	LMO100284	36274	72458	SMU101274
12152	48336	BFR10096	24214	60398	LMO100287	36275	72459	SMU101279
12153	48337	BFR100963	24215	60399	LMO100288	36276	72460	SMU101280
12154	48338	BFR100985	24216	60400	LMO100290	36277	72461	SMU101281
12155	48339	BFR101004	24217	60401	LMO100297	36278	72462	SMU101282
12156	48340	BFR101022	24218	60402	LMO100303	36279	72463	SMU101283
12157	48341	BFR101036	24219	60403	LMO100307	36280	72464	SMU101286
12158	48342	BFR101055	24220	60404	LMO100319	36281	72465	SMU101295
12159	48343	BFR101067	24221	60405	LMO100321	36282	72466	SMU101297
12160	48344	BFR10109	24222	60406	LMO100322	36283	72467	SMU101300
12161	48345	BFR101094	24223	60407	LMO100335	36284	72468	SMU101303
12162	48346	BFR101138	24224	60408	LMO100340	36285	72469	SMU101306
12163	48347	BFR101143	24225	60409	LMO100345	36286	72470	SMU101308
12164	48348	BFR101151	24226	60410	LMO100346	36287	72471	SMU101311
12165	48349	BFR101152	24227	60411	LMO100358	36288	72472	SMU101313
12166	48350	BFR101153	24228	60412	LMO100364	36289	72473	SMU101315
12167	48351	BFR101155	24229	60413	LMO100374	36290	72474	SMU101316
12168	48352	BFR101164	24230	60414	LMO100377	36291	72475	SMU101317
12169	48353	BFR101178	24231	60415	LMO100379	36292	72476	SMU101318
12170	48354	BFR101189	24232	60416	LMO100385	36293	72477	SMU101323
12171	48355	BFR101210	24233	60417	LMO100388	36294	72478	SMU101327
12172	48356	BFR101219	24234	60418	LMO100391	36295	72479	SMU101329
12173	48357	BFR101222	24235	60419	LMO100393	36296	72480	SMU101331
12174	48358	BFR101226	24236	60420	LMO100394	36297	72481	SMU101332
12175	48359	BFR101228	24237	60421	LMO100400	36298	72482	SMU101334
12176	48360	BFR101230	24238	60422	LMO100404	36299	72483	SMU101335
12177	48361	BFR101235	24239	60423	LMO100406	36300	72484	SMU101344
12178	48362	BFR10126	24240	60424	LMO100407	36301	72485	SMU101349
12179	48363	BFR101263	24241	60425	LMO100411	36302	72486	SMU101352
12180	48364	BFR101280	24242	60426	LMO100418	36303	72487	SMU101354
12181	48365	BFR101294	24243	60427	LMO100421	36304	72488	SMU101355
12182	48366	BFR101295	24244	60428	LMO100426	36305	72489	SMU101356
12183	48367	BFR101296	24245	60429	LMO100427	36306	72490	SMU101360
12184	48368	BFR101304	24246	60430	LMO100434	36307	72491	SMU101369
12185	48369	BFR101331	24247	60431	LMO100435	36308	72492	SMU101370
12186	48370	BFR101333	24248	60432	LMO100436	36309	72493	SMU101371
12187	48371	BFR101340	24249	60433	LMO100437	36310	72494	SMU101376
12188	48372	BFR101347	24250	60434	LMO100441	36311	72495	SMU101378
12189	48373	BFR101349	24251	60435	LMO100442	36312	72496	SMU101383
12190	48374	BFR101369	24252	60436	LMO100444	36313	72497	SMU101384
12191	48375	BFR101372	24253	60437	LMO100466	36314	72498	SMU101386
12192	48376	BFR101373	24254	60438	LMO100467	36315	72499	SMU101388
12193	48377	BFR101385	24255	60439	LMO100476	36316	72500	SMU101390
12194	48378	BFR101390	24256	60440	LMO100481	36317	72501	SMU101391
12195	48379	BFR101396	24257	60441	LMO100488	36318	72502	SMU101401
12196	48380	BFR101415	24258	60442	LMO100495	36319	72503	SMU101402
12197	48381	BFR101426	24259	60443	LMO100506	36320	72504	SMU101407
12198	48382	BFR101432	24260	60444	LMO100508	36321	72505	SMU101408
12199	48383	BFR10144	24261	60445	LMO100513	36322	72506	SMU101412
12200	48384	BFR101444	24262	60446	LMO100517	36323	72507	SMU101414
12201	48385	BFR101447	24263	60447	LMO100523	36324	72508	SMU101420
12202	48386	BFR101484	24264	60448	LMO100535	36325	72509	SMU101421
12203	48387	BFR101497	24265	60449	LMO100536	36326	72510	SMU101427
12204	48388	BFR101499	24266	60450	LMO100537	36327	72511	SMU101435
12205	48389	BFR10151	24267	60451	LMO100543	36328	72512	SMU101437

DNA SeqID	Protein SeqID	Gene LocusID	DNA SeqID	Protein SeqID	Gene LocusID	DNA SeqID	Protein SeqID	Gene LocusID
12206	48390	BFR101518	24268	60452	LMO100551	36329	72513	SMU101439
12207	48391	BFR10152	24269	60453	LMO100556	36330	72514	SMU101446
12208	48392	BFR101549	24270	60454	LMO100570	36331	72515	SMU101447
12209	48393	BFR101559	24271	60455	LMO100571	36332	72516	SMU101449
12210	48394	BFR10157	24272	60456	LMO100572	36333	72517	SMU101450
12211	48395	BFR101582	24273	60457	LMO100576	36334	72518	SMU101451
12212	48396	BFR10160	24274	60458	LMO100578	36335	72519	SMU101453
12213	48397	BFR101607	24275	60459	LMO100582	36336	72520	SMU101454
12214	48398	BFR101650	24276	60460	LMO100583	36337	72521	SMU101455
12215	48399	BFR101675	24277	60461	LMO100585	36338	72522	SMU101464
12216	48400	BFR10168	24278	60462	LMO100586	36339	72523	SMU101465
12217	48401	BFR101716	24279	60463	LMO100590	36340	72524	SMU101466
12218	48402	BFR101725	24280	60464	LMO100594	36341	72525	SMU101467
12219	48403	BFR101730	24281	60465	LMO100596	36342	72526	SMU101468
12220	48404	BFR101740	24282	60466	LMO100597	36343	72527	SMU101471
12221	48405	BFR101753	24283	60467	LMO100599	36344	72528	SMU101474
12222	48406	BFR101754	24284	60468	LMO100602	36345	72529	SMU101475
12223	48407	BFR101755	24285	60469	LMO100605	36346	72530	SMU101478
12224	48408	BFR10176	24286	60470	LMO100609	36347	72531	SMU101479
12225	48409	BFR101776	24287	60471	LMO100611	36348	72532	SMU101480
12226	48410	BFR101778	24288	60472	LMO100614	36349	72533	SMU101483
12227	48411	BFR101794	24289	60473	LMO100615	36350	72534	SMU101487
12228	48412	BFR101806	24290	60474	LMO100624	36351	72535	SMU101490
12229	48413	BFR10181	24291	60475	LMO100625	36352	72536	SMU101492
12230	48414	BFR10185	24292	60476	LMO100629	36353	72537	SMU101495
12231	48415	BFR10188	24293	60477	LMO100631	36354	72538	SMU101498
12232	48416	BFR10189	24294	60478	LMO100639	36355	72539	SMU101500
12233	48417	BFR101898	24295	60479	LMO100640	36356	72540	SMU101505
12234	48418	BFR101900	24296	60480	LMO100643	36357	72541	SMU101506
12235	48419	BFR101904	24297	60481	LMO100648	36358	72542	SMU101509
12236	48420	BFR101983	24298	60482	LMO100649	36359	72543	SMU101513
12237	48421	BFR10199	24299	60483	LMO100657	36360	72544	SMU101518
12238	48422	BFR102018	24300	60484	LMO100662	36361	72545	SMU101520
12239	48423	BFR102042	24301	60485	LMO100666	36362	72546	SMU101534
12240	48424	BFR102053	24302	60486	LMO100669	36363	72547	SMU101535
12241	48425	BFR10209	24303	60487	LMO100672	36364	72548	SMU101536
12242	48426	BFR102096	24304	60488	LMO100679	36365	72549	SMU101538
12243	48427	BFR102099	24305	60489	LMO100680	36366	72550	SMU101539
12244	48428	BFR102108	24306	60490	LMO100689	36367	72551	SMU101540
12245	48429	BFR102113	24307	60491	LMO100693	36368	72552	SMU101545
12246	48430	BFR102131	24308	60492	LMO100694	36369	72553	SMU101546
12247	48431	BFR102132	24309	60493	LMO100695	36370	72554	SMU101548
12248	48432	BFR102134	24310	60494	LMO100703	36371	72555	SMU101550
12249	48433	BFR102146	24311	60495	LMO100716	36372	72556	SMU101553
12250	48434	BFR102176	24312	60496	LMO100718	36373	72557	SMU101554
12251	48435	BFR102180	24313	60497	LMO100724	36374	72558	SMU101565
12252	48436	BFR10219	24314	60498	LMO100726	36375	72559	SMU101571
12253	48437	BFR102190	24315	60499	LMO100731	36376	72560	SMU101576
12254	48438	BFR102200	24316	60500	LMO100732	36377	72561	SMU101599
12255	48439	BFR102217	24317	60501	LMO100736	36378	72562	SMU101640
12256	48440	BFR102219	24318	60502	LMO100742	36379	72563	SMU101645
12257	48441	BFR102222	24319	60503	LMO100743	36380	72564	SMU101666
12258	48442	BFR102226	24320	60504	LMO100749	36381	72565	SMU101683
12259	48443	BFR102236	24321	60505	LMO100756	36382	72566	SMU101698
12260	48444	BFR102256	24322	60506	LMO100759	36383	72567	SMU101700

DNA SeqID	Protein SeqID	Gene LocusID	DNA SeqID	Protein SeqID	Gene LocusID	DNA SeqID	Protein SeqID	Gene LocusID
12261	48445	BFR102268	24323	60507	LMO100760	36384	72568	SMU101707
12262	48446	BFR102271	24324	60508	LMO100765	36385	72569	SMU101717
12263	48447	BFR102275	24325	60509	LMO100772	36386	72570	SMU101724
12264	48448	BFR102278	24326	60510	LMO100773	36387	72571	SMU101759
12265	48449	BFR102281	24327	60511	LMO100774	36388	72572	SMU101770
12266	48450	BFR102319	24328	60512	LMO100776	36389	72573	SMU101779
12267	48451	BFR10235	24329	60513	LMO100778	36390	72574	SMU101810
12268	48452	BFR102378	24330	60514	LMO100791	36391	72575	SMU101812
12269	48453	BFR102381	24331	60515	LMO100794	36392	72576	SMU101835
12270	48454	BFR102385	24332	60516	LMO100796	36393	72577	SMU101847
12271	48455	BFR102397	24333	60517	LMO100797	36394	72578	SMU101861
12272	48456	BFR102402	24334	60518	LMO100798	36395	72579	SMU101868
12273	48457	BFR10242	24335	60519	LMO100801	36396	72580	SMU101883
12274	48458	BFR102425	24336	60520	LMO100807	36397	72581	SMU101889
12275	48459	BFR102459	24337	60521	LMO100809	36398	72582	SMU101912
12276	48460	BFR102465	24338	60522	LMO100814	36399	72583	SMU101940
12277	48461	BFR102473	24339	60523	LMO100816	36400	72584	SMU101949
12278	48462	BFR102480	24340	60524	LMO100827	36401	72585	SMU101951
12279	48463	BFR102496	24341	60525	LMO100830	36402	72586	SMU101953
12280	48464	BFR102501	24342	60526	LMO100835	36403	72587	SMU101955
12281	48465	BFR102521	24343	60527	LMO100837	36404	72588	SMU101966
12282	48466	BFR10255	24344	60528	LMO100839	36405	72589	SMU101983
12283	48467	BFR102551	24345	60529	LMO100841	36406	72590	SMU101988
12284	48468	BFR102552	24346	60530	LMO100844	36407	72591	SMU101999
12285	48469	BFR102568	24347	60531	LMO100848	36408	72592	SMU102003
12286	48470	BFR102578	24348	60532	LMO100853	36409	72593	SMU102015
12287	48471	BFR102598	24349	60533	LMO100858	36410	72594	SMU102024
12288	48472	BFR10261	24350	60534	LMO100864	36411	72595	SMU102028
12289	48473	BFR102616	24351	60535	LMO100865	36412	72596	SMU102045
12290	48474	BFR102620	24352	60536	LMO100871	36413	72597	SMU102069
12291	48475	BFR102635	24353	60537	LMO100872	36414	72598	SMU102074
12292	48476	BFR102640	24354	60538	LMO100873	36415	72599	SMU102094
12293	48477	BFR102649	24355	60539	LMO100876	36416	72600	SMU102293
12294	48478	BFR10266	24356	60540	LMO100878	36417	72601	SMU102342
12295	48479	BFR102668	24357	60541	LMO100883	36418	72602	SMU102404
12296	48480	BFR102681	24358	60542	LMO100884	36419	72603	SMU102515
12297	48481	BFR102682	24359	60543	LMO100891	36420	72604	SMU102548
12298	48482	BFR102685	24360	60544	LMO100900	36421	72605	SMU102606
12299	48483	BFR102691	24361	60545	LMO100907	36422	72606	SMU102730
12300	48484	BFR102710	24362	60546	LMO100913	36423	72607	SMU102800
12301	48485	BFR102711	24363	60547	LMO100919	36424	72608	SMU102834
12302	48486	BFR10273	24364	60548	LMO100923	36425	72609	SMU102853
12303	48487	BFR102730	24365	60549	LMO100925	36426	72610	SMU102869
12304	48488	BFR10274	24366	60550	LMO100926	36427	72611	SMU102926
12305	48489	BFR102747	24367	60551	LMO100934	36428	72612	SMU103046
12306	48490	BFR102748	24368	60552	LMO100937	36429	72613	SMU103098
12307	48491	BFR102757	24369	60553	LMO100940	36430	72614	SMU103189
12308	48492	BFR102762	24370	60554	LMO100950	36431	72615	SPA100008
12309	48493	BFR102771	24371	60555	LMO100952	36432	72616	SPA100011
12310	48494	BFR102796	24372	60556	LMO100967	36433	72617	SPA100012
12311	48495	BFR102798	24373	60557	LMO100968	36434	72618	SPA100028
12312	48496	BFR10280	24374	60558	LMO100978	36435	72619	SPA100030
12313	48497	BFR102809	24375	60559	LMO100987	36436	72620	SPA100031
12314	48498	BFR102810	24376	60560	LMO100988	36437	72621	SPA100033
12315	48499	BFR102815	24377	60561	LMO100989	36438	72622	SPA100038

DNA SeqID	Protein SeqID	Gene LocusID	DNA SeqID	Protein SeqID	Gene LocusID	DNA SeqID	Protein SeqID	Gene LocusID
12316	48500	BFR102843	24378	60562	LMO100999	36439	72623	SPA100039
12317	48501	BFR102850	24379	60563	LMO101001	36440	72624	SPA100043
12318	48502	BFR102852	24380	60564	LMO101005	36441	72625	SPA100052
12319	48503	BFR102864	24381	60565	LMO101007	36442	72626	SPA100057
12320	48504	BFR102868	24382	60566	LMO101008	36443	72627	SPA100063
12321	48505	BFR102889	24383	60567	LMO101012	36444	72628	SPA100073
12322	48506	BFR10291	24384	60568	LMO101013	36445	72629	SPA100115
12323	48507	BFR102922	24385	60569	LMO101015	36446	72630	SPA100121
12324	48508	BFR102926	24386	60570	LMO101018	36447	72631	SPA100127
12325	48509	BFR102934	24387	60571	LMO101019	36448	72632	SPA100132
12326	48510	BFR102942	24388	60572	LMO101021	36449	72633	SPA100137
12327	48511	BFR102947	24389	60573	LMO101023	36450	72634	SPA100138
12328	48512	BFR10298	24390	60574	LMO101037	36451	72635	SPA100142
12329	48513	BFR102986	24391	60575	LMO101045	36452	72636	SPA100149
12330	48514	BFR102987	24392	60576	LMO101047	36453	72637	SPA100154
12331	48515	BFR102991	24393	60577	LMO101049	36454	72638	SPA100160
12332	48516	BFR102996	24394	60578	LMO101052	36455	72639	SPA100167
12333	48517	BFR103003	24395	60579	LMO101056	36456	72640	SPA100176
12334	48518	BFR103005	24396	60580	LMO101064	36457	72641	SPA100177
12335	48519	BFR103042	24397	60581	LMO101074	36458	72642	SPA100178
12336	48520	BFR103060	24398	60582	LMO101081	36459	72643	SPA100194
12337	48521	BFR103062	24399	60583	LMO101092	36460	72644	SPA100195
12338	48522	BFR103068	24400	60584	LMO101102	36461	72645	SPA100196
12339	48523	BFR103076	24401	60585	LMO101105	36462	72646	SPA100202
12340	48524	BFR103079	24402	60586	LMO101111	36463	72647	SPA100206
12341	48525	BFR103103	24403	60587	LMO101112	36464	72648	SPA100209
12342	48526	BFR103117	24404	60588	LMO101113	36465	72649	SPA100213
12343	48527	BFR103128	24405	60589	LMO101114	36466	72650	SPA100218
12344	48528	BFR103141	24406	60590	LMO101117	36467	72651	SPA100221
12345	48529	BFR103149	24407	60591	LMO101118	36468	72652	SPA100230
12346	48530	BFR103178	24408	60592	LMO101120	36469	72653	SPA100233
12347	48531	BFR10318	24409	60593	LMO101121	36470	72654	SPA100234
12348	48532	BFR103235	24410	60594	LMO101122	36471	72655	SPA100238
12349	48533	BFR103242	24411	60595	LMO101128	36472	72656	SPA100245
12350	48534	BFR103243	24412	60596	LMO101135	36473	72657	SPA100247
12351	48535	BFR103244	24413	60597	LMO101140	36474	72658	SPA100263
12352	48536	BFR103264	24414	60598	LMO101142	36475	72659	SPA100267
12353	48537	BFR103324	24415	60599	LMO101147	36476	72660	SPA100271
12354	48538	BFR103350	24416	60600	LMO101148	36477	72661	SPA100272
12355	48539	BFR103387	24417	60601	LMO101153	36478	72662	SPA100275
12356	48540	BFR103418	24418	60602	LMO101154	36479	72663	SPA100283
12357	48541	BFR103444	24419	60603	LMO101164	36480	72664	SPA100290
12358	48542	BFR103498	24420	60604	LMO101165	36481	72665	SPA100292
12359	48543	BFR103500	24421	60605	LMO101172	36482	72666	SPA100308
12360	48544	BFR103502	24422	60606	LMO101175	36483	72667	SPA100310
12361	48545	BFR103505	24423	60607	LMO101177	36484	72668	SPA100311
12362	48546	BFR103517	24424	60608	LMO101179	36485	72669	SPA100314
12363	48547	BFR10353	24425	60609	LMO101181	36486	72670	SPA100318
12364	48548	BFR103543	24426	60610	LMO101189	36487	72671	SPA100328
12365	48549	BFR103557	24427	60611	LMO101190	36488	72672	SPA100332
12366	48550	BFR103599	24428	60612	LMO101197	36489	72673	SPA100333
12367	48551	BFR103658	24429	60613	LMO101198	36490	72674	SPA100334
12368	48552	BFR103669	24430	60614	LMO101202	36491	72675	SPA100336
12369	48553	BFR103680	24431	60615	LMO101203	36492	72676	SPA100351
12370	48554	BFR103686	24432	60616	LMO101206	36493	72677	SPA100352

DNA SeqID	Protein SeqID	Gene LocusID	DNA SeqID	Protein SeqID	Gene LocusID	DNA SeqID	Protein SeqID	Gene LocusID
12371	48555	BFR103701	24433	60617	LMO101207	36494	72678	SPA100353
12372	48556	BFR103702	24434	60618	LMO101211	36495	72679	SPA100368
12373	48557	BFR10371	24435	60619	LMO101215	36496	72680	SPA100376
12374	48558	BFR103716	24436	60620	LMO101222	36497	72681	SPA100379
12375	48559	BFR103731	24437	60621	LMO101229	36498	72682	SPA100383
12376	48560	BFR103746	24438	60622	LMO101232	36499	72683	SPA100386
12377	48561	BFR10375	24439	60623	LMO101233	36500	72684	SPA100405
12378	48562	BFR103759	24440	60624	LMO101235	36501	72685	SPA100408
12379	48563	BFR103764	24441	60625	LMO101238	36502	72686	SPA100411
12380	48564	BFR103776	24442	60626	LMO101246	36503	72687	SPA100412
12381	48565	BFR103785	24443	60627	LMO101248	36504	72688	SPA100416
12382	48566	BFR10379	24444	60628	LMO101249	36505	72689	SPA100422
12383	48567	BFR103796	24445	60629	LMO101257	36506	72690	SPA100423
12384	48568	BFR10381	24446	60630	LMO101258	36507	72691	SPA100425
12385	48569	BFR103841	24447	60631	LMO101259	36508	72692	SPA100430
12386	48570	BFR103847	24448	60632	LMO101273	36509	72693	SPA100434
12387	48571	BFR103869	24449	60633	LMO101276	36510	72694	SPA100439
12388	48572	BFR10388	24450	60634	LMO101281	36511	72695	SPA100447
12389	48573	BFR103881	24451	60635	LMO101290	36512	72696	SPA100448
12390	48574	BFR103945	24452	60636	LMO101296	36513	72697	SPA100450
12391	48575	BFR103954	24453	60637	LMO101299	36514	72698	SPA100451
12392	48576	BFR103964	24454	60638	LMO101307	36515	72699	SPA100458
12393	48577	BFR10398	24455	60639	LMO101308	36516	72700	SPA100460
12394	48578	BFR103995	24456	60640	LMO101310	36517	72701	SPA100461
12395	48579	BFR104010	24457	60641	LMO101312	36518	72702	SPA100463
12396	48580	BFR104064	24458	60642	LMO101318	36519	72703	SPA100470
12397	48581	BFR10407	24459	60643	LMO101320	36520	72704	SPA100472
12398	48582	BFR104094	24460	60644	LMO101321	36521	72705	SPA100481
12399	48583	BFR104105	24461	60645	LMO101322	36522	72706	SPA100483
12400	48584	BFR104147	24462	60646	LMO101325	36523	72707	SPA100488
12401	48585	BFR104161	24463	60647	LMO101330	36524	72708	SPA100492
12402	48586	BFR104169	24464	60648	LMO101334	36525	72709	SPA100494
12403	48587	BFR104184	24465	60649	LMO101340	36526	72710	SPA100495
12404	48588	BFR104186	24466	60650	LMO101342	36527	72711	SPA100496
12405	48589	BFR104188	24467	60651	LMO101343	36528	72712	SPA100500
12406	48590	BFR104190	24468	60652	LMO101346	36529	72713	SPA100508
12407	48591	BFR104201	24469	60653	LMO101348	36530	72714	SPA100512
12408	48592	BFR104209	24470	60654	LMO101349	36531	72715	SPA100514
12409	48593	BFR10421	24471	60655	LMO101358	36532	72716	SPA100515
12410	48594	BFR104214	24472	60656	LMO101364	36533	72717	SPA100516
12411	48595	BFR10422	24473	60657	LMO101366	36534	72718	SPA100521
12412	48596	BFR10423	24474	60658	LMO101367	36535	72719	SPA100524
12413	48597	BFR10424	24475	60659	LMO101368	36536	72720	SPA100526
12414	48598	BFR10425	24476	60660	LMO101370	36537	72721	SPA100545
12415	48599	BFR104257	24477	60661	LMO101374	36538	72722	SPA100549
12416	48600	BFR10426	24478	60662	LMO101375	36539	72723	SPA100551
12417	48601	BFR104285	24479	60663	LMO101377	36540	72724	SPA100555
12418	48602	BFR104288	24480	60664	LMO101378	36541	72725	SPA100561
12419	48603	BFR104306	24481	60665	LMO101394	36542	72726	SPA100585
12420	48604	BFR104321	24482	60666	LMO101395	36543	72727	SPA100586
12421	48605	BFR104322	24483	60667	LMO101402	36544	72728	SPA100594
12422	48606	BFR104340	24484	60668	LMO101408	36545	72729	SPA100601
12423	48607	BFR104350	24485	60669	LMO101411	36546	72730	SPA100602
12424	48608	BFR10436	24486	60670	LMO101414	36547	72731	SPA100606
12425	48609	BFR104366	24487	60671	LMO101419	36548	72732	SPA100607

DNA SeqID	Protein SeqID	Gene LocusID	DNA SeqID	Protein SeqID	Gene LocusID	DNA SeqID	Protein SeqID	Gene LocusID
12426	48610	BFR104367	24488	60672	LMO101423	36549	72733	SPA100608
12427	48611	BFR10437	24489	60673	LMO101432	36550	72734	SPA100613
12428	48612	BFR104377	24490	60674	LMO101436	36551	72735	SPA100616
12429	48613	BFR104387	24491	60675	LMO101438	36552	72736	SPA100617
12430	48614	BFR104408	24492	60676	LMO101439	36553	72737	SPA100619
12431	48615	BFR104413	24493	60677	LMO101440	36554	72738	SPA100620
12432	48616	BFR10442	24494	60678	LMO101445	36555	72739	SPA100621
12433	48617	BFR104421	24495	60679	LMO101448	36556	72740	SPA100628
12434	48618	BFR104422	24496	60680	LMO101449	36557	72741	SPA100629
12435	48619	BFR104427	24497	60681	LMO101451	36558	72742	SPA100630
12436	48620	BFR104438	24498	60682	LMO101454	36559	72743	SPA100636
12437	48621	BFR104439	24499	60683	LMO101459	36560	72744	SPA100641
12438	48622	BFR104483	24500	60684	LMO101460	36561	72745	SPA100654
12439	48623	BFR104492	24501	60685	LMO101465	36562	72746	SPA100655
12440	48624	BFR104500	24502	60686	LMO101467	36563	72747	SPA100656
12441	48625	BFR10451	24503	60687	LMO101469	36564	72748	SPA100657
12442	48626	BFR104541	24504	60688	LMO101474	36565	72749	SPA100660
12443	48627	BFR104545	24505	60689	LMO101479	36566	72750	SPA100667
12444	48628	BFR104549	24506	60690	LMO101489	36567	72751	SPA100673
12445	48629	BFR10455	24507	60691	LMO101490	36568	72752	SPA100686
12446	48630	BFR104554	24508	60692	LMO101499	36569	72753	SPA100687
12447	48631	BFR104593	24509	60693	LMO101503	36570	72754	SPA100700
12448	48632	BFR104611	24510	60694	LMO101504	36571	72755	SPA100702
12449	48633	BFR104616	24511	60695	LMO101510	36572	72756	SPA100708
12450	48634	BFR10464	24512	60696	LMO101512	36573	72757	SPA100711
12451	48635	BFR104644	24513	60697	LMO101514	36574	72758	SPA100713
12452	48636	BFR10466	24514	60698	LMO101517	36575	72759	SPA100716
12453	48637	BFR104660	24515	60699	LMO101523	36576	72760	SPA100719
12454	48638	BFR104661	24516	60700	LMO101524	36577	72761	SPA100720
12455	48639	BFR10467	24517	60701	LMO101532	36578	72762	SPA100728
12456	48640	BFR10471	24518	60702	LMO101540	36579	72763	SPA100729
12457	48641	BFR104711	24519	60703	LMO101542	36580	72764	SPA100734
12458	48642	BFR104724	24520	60704	LMO101544	36581	72765	SPA100735
12459	48643	BFR104729	24521	60705	LMO101547	36582	72766	SPA100737
12460	48644	BFR104751	24522	60706	LMO101551	36583	72767	SPA100739
12461	48645	BFR104769	24523	60707	LMO101556	36584	72768	SPA100744
12462	48646	BFR104777	24524	60708	LMO101561	36585	72769	SPA100748
12463	48647	BFR104778	24525	60709	LMO101566	36586	72770	SPA100750
12464	48648	BFR10478	24526	60710	LMO101576	36587	72771	SPA100751
12465	48649	BFR104786	24527	60711	LMO101581	36588	72772	SPA100754
12466	48650	BFR104790	24528	60712	LMO101585	36589	72773	SPA100761
12467	48651	BFR104792	24529	60713	LMO101587	36590	72774	SPA100765
12468	48652	BFR104796	24530	60714	LMO101588	36591	72775	SPA100768
12469	48653	BFR104817	24531	60715	LMO101591	36592	72776	SPA100769
12470	48654	BFR104845	24532	60716	LMO101597	36593	72777	SPA100773
12471	48655	BFR104846	24533	60717	LMO101598	36594	72778	SPA100775
12472	48656	BFR104849	24534	60718	LMO101599	36595	72779	SPA100787
12473	48657	BFR104855	24535	60719	LMO101604	36596	72780	SPA100790
12474	48658	BFR104874	24536	60720	LMO101606	36597	72781	SPA100792
12475	48659	BFR104875	24537	60721	LMO101610	36598	72782	SPA100796
12476	48660	BFR104894	24538	60722	LMO101615	36599	72783	SPA100809
12477	48661	BFR104902	24539	60723	LMO101624	36600	72784	SPA100812
12478	48662	BFR10491	24540	60724	LMO101629	36601	72785	SPA100813
12479	48663	BFR104914	24541	60725	LMO101635	36602	72786	SPA100816
12480	48664	BFR104919	24542	60726	LMO101639	36603	72787	SPA100818

DNA SeqID	Protein SeqID	Gene LocusID	DNA SeqID	Protein SeqID	Gene LocusID	DNA SeqID	Protein SeqID	Gene LocusID
12481	48665	BFR10492	24543	60727	LMO101643	36604	72788	SPA100819
12482	48666	BFR104933	24544	60728	LMO101645	36605	72789	SPA100823
12483	48667	BFR104935	24545	60729	LMO101646	36606	72790	SPA100824
12484	48668	BFR104950	24546	60730	LMO101650	36607	72791	SPA100825
12485	48669	BFR104989	24547	60731	LMO101656	36608	72792	SPA100826
12486	48670	BFR104991	24548	60732	LMO101661	36609	72793	SPA100829
12487	48671	BFR10500	24549	60733	LMO101665	36610	72794	SPA100837
12488	48672	BFR10501	24550	60734	LMO101666	36611	72795	SPA100838
12489	48673	BFR105024	24551	60735	LMO101667	36612	72796	SPA100839
12490	48674	BFR105073	24552	60736	LMO101675	36613	72797	SPA100846
12491	48675	BFR105074	24553	60737	LMO101679	36614	72798	SPA100847
12492	48676	BFR105086	24554	60738	LMO101688	36615	72799	SPA100853
12493	48677	BFR10509	24555	60739	LMO101689	36616	72800	SPA100868
12494	48678	BFR105109	24556	60740	LMO101697	36617	72801	SPA100882
12495	48679	BFR105147	24557	60741	LMO101698	36618	72802	SPA100886
12496	48680	BFR10515	24558	60742	LMO101705	36619	72803	SPA100900
12497	48681	BFR105168	24559	60743	LMO101711	36620	72804	SPA100901
12498	48682	BFR10520	24560	60744	LMO101712	36621	72805	SPA100903
12499	48683	BFR10521	24561	60745	LMO101722	36622	72806	SPA100907
12500	48684	BFR10522	24562	60746	LMO101725	36623	72807	SPA100912
12501	48685	BFR10527	24563	60747	LMO101732	36624	72808	SPA100917
12502	48686	BFR105341	24564	60748	LMO101733	36625	72809	SPA100920
12503	48687	BFR10535	24565	60749	LMO101739	36626	72810	SPA100925
12504	48688	BFR105362	24566	60750	LMO101740	36627	72811	SPA100926
12505	48689	BFR105372	24567	60751	LMO101744	36628	72812	SPA100931
12506	48690	BFR105380	24568	60752	LMO101748	36629	72813	SPA100934
12507	48691	BFR105381	24569	60753	LMO101750	36630	72814	SPA100936
12508	48692	BFR105397	24570	60754	LMO101754	36631	72815	SPA100937
12509	48693	BFR105453	24571	60755	LMO101757	36632	72816	SPA100941
12510	48694	BFR105454	24572	60756	LMO101759	36633	72817	SPA100944
12511	48695	BFR105493	24573	60757	LMO101763	36634	72818	SPA100956
12512	48696	BFR10552	24574	60758	LMO101764	36635	72819	SPA100957
12513	48697	BFR10553	24575	60759	LMO101766	36636	72820	SPA100958
12514	48698	BFR105535	24576	60760	LMO101774	36637	72821	SPA100959
12515	48699	BFR105539	24577	60761	LMO101775	36638	72822	SPA100960
12516	48700	BFR10554	24578	60762	LMO101778	36639	72823	SPA100961
12517	48701	BFR105563	24579	60763	LMO101779	36640	72824	SPA100963
12518	48702	BFR105579	24580	60764	LMO101787	36641	72825	SPA100981
12519	48703	BFR105590	24581	60765	LMO101789	36642	72826	SPA100983
12520	48704	BFR105629	24582	60766	LMO101791	36643	72827	SPA100988
12521	48705	BFR105670	24583	60767	LMO101794	36644	72828	SPA100998
12522	48706	BFR105684	24584	60768	LMO101796	36645	72829	SPA101019
12523	48707	BFR10569	24585	60769	LMO101800	36646	72830	SPA101021
12524	48708	BFR105724	24586	60770	LMO101801	36647	72831	SPA101025
12525	48709	BFR105798	24587	60771	LMO101802	36648	72832	SPA101027
12526	48710	BFR10585	24588	60772	LMO101803	36649	72833	SPA101028
12527	48711	BFR10586	24589	60773	LMO101804	36650	72834	SPA101034
12528	48712	BFR105861	24590	60774	LMO101809	36651	72835	SPA101047
12529	48713	BFR105869	24591	60775	LMO101810	36652	72836	SPA101051
12530	48714	BFR105878	24592	60776	LMO101815	36653	72837	SPA101059
12531	48715	BFR105888	24593	60777	LMO101821	36654	72838	SPA101061
12532	48716	BFR105907	24594	60778	LMO101825	36655	72839	SPA101063
12533	48717	BFR105927	24595	60779	LMO101828	36656	72840	SPA101069
12534	48718	BFR105929	24596	60780	LMO101829	36657	72841	SPA101071
12535	48719	BFR105934	24597	60781	LMO101830	36658	72842	SPA101077

DNA SeqID	Protein SeqID	Gene LocusID	DNA SeqID	Protein SeqID	Gene LocusID	DNA SeqID	Protein SeqID	Gene LocusID
12536	48720	BFR105944	24598	60782	LMO101841	36659	72843	SPA101078
12537	48721	BFR105953	24599	60783	LMO101848	36660	72844	SPA101082
12538	48722	BFR105960	24600	60784	LMO101849	36661	72845	SPA101087
12539	48723	BFR105965	24601	60785	LMO101852	36662	72846	SPA101091
12540	48724	BFR105970	24602	60786	LMO101855	36663	72847	SPA101093
12541	48725	BFR10598	24603	60787	LMO101858	36664	72848	SPA101094
12542	48726	BFR10599	24604	60788	LMO101860	36665	72849	SPA101096
12543	48727	BFR105998	24605	60789	LMO101877	36666	72850	SPA101097
12544	48728	BFR106001	24606	60790	LMO101881	36667	72851	SPA101108
12545	48729	BFR106009	24607	60791	LMO101894	36668	72852	SPA101111
12546	48730	BFR106011	24608	60792	LMO101909	36669	72853	SPA101112
12547	48731	BFR106019	24609	60793	LMO101914	36670	72854	SPA101113
12548	48732	BFR106048	24610	60794	LMO101925	36671	72855	SPA101126
12549	48733	BFR106060	24611	60795	LMO101932	36672	72856	SPA101128
12550	48734	BFR106061	24612	60796	LMO101935	36673	72857	SPA101135
12551	48735	BFR106066	24613	60797	LMO101938	36674	72858	SPA101143
12552	48736	BFR106071	24614	60798	LMO101945	36675	72859	SPA101151
12553	48737	BFR106080	24615	60799	LMO101960	36676	72860	SPA101158
12554	48738	BFR106093	24616	60800	LMO101963	36677	72861	SPA101171
12555	48739	BFR10610	24617	60801	LMO101976	36678	72862	SPA101172
12556	48740	BFR106103	24618	60802	LMO101980	36679	72863	SPA101173
12557	48741	BFR106150	24619	60803	LMO101987	36680	72864	SPA101175
12558	48742	BFR10621	24620	60804	LMO101989	36681	72865	SPA101177
12559	48743	BFR10641	24621	60805	LMO101990	36682	72866	SPA101178
12560	48744	BFR10661	24622	60806	LMO101991	36683	72867	SPA101179
12561	48745	BFR10665	24623	60807	LMO101992	36684	72868	SPA101180
12562	48746	BFR10672	24624	60808	LMO102003	36685	72869	SPA101181
12563	48747	BFR10675	24625	60809	LMO102006	36686	72870	SPA101182
12564	48748	BFR10676	24626	60810	LMO102007	36687	72871	SPA101187
12565	48749	BFR10677	24627	60811	LMO102009	36688	72872	SPA101193
12566	48750	BFR10686	24628	60812	LMO102014	36689	72873	SPA101195
12567	48751	BFR10690	24629	60813	LMO102015	36690	72874	SPA101199
12568	48752	BFR10693	24630	60814	LMO102016	36691	72875	SPA101201
12569	48753	BFR10719	24631	60815	LMO102018	36692	72876	SPA101204
12570	48754	BFR10734	24632	60816	LMO102022	36693	72877	SPA101206
12571	48755	BFR10738	24633	60817	LMO102025	36694	72878	SPA101208
12572	48756	BFR10760	24634	60818	LMO102026	36695	72879	SPA101211
12573	48757	BFR10765	24635	60819	LMO102030	36696	72880	SPA101217
12574	48758	BFR10768	24636	60820	LMO102033	36697	72881	SPA101218
12575	48759	BFR10769	24637	60821	LMO102038	36698	72882	SPA101227
12576	48760	BFR10770	24638	60822	LMO102040	36699	72883	SPA101232
12577	48761	BFR10775	24639	60823	LMO102042	36700	72884	SPA101233
12578	48762	BFR10777	24640	60824	LMO102054	36701	72885	SPA101236
12579	48763	BFR10778	24641	60825	LMO102057	36702	72886	SPA101239
12580	48764	BFR10780	24642	60826	LMO102080	36703	72887	SPA101240
12581	48765	BFR10781	24643	60827	LMO102084	36704	72888	SPA101244
12582	48766	BFR10783	24644	60828	LMO102085	36705	72889	SPA101253
12583	48767	BFR10814	24645	60829	LMO102091	36706	72890	SPA101254
12584	48768	BFR10818	24646	60830	LMO102094	36707	72891	SPA101256
12585	48769	BFR10828	24647	60831	LMO102096	36708	72892	SPA101258
12586	48770	BFR10832	24648	60832	LMO102099	36709	72893	SPA101259
12587	48771	BFR10840	24649	60833	LMO102101	36710	72894	SPA101261
12588	48772	BFR10841	24650	60834	LMO102103	36711	72895	SPA101274
12589	48773	BFR10845	24651	60835	LMO102110	36712	72896	SPA101275
12590	48774	BFR10864	24652	60836	LMO102112	36713	72897	SPA101276

DNA SeqID	Protein SeqID	Gene LocusID	DNA SeqID	Protein SeqID	Gene LocusID	DNA SeqID	Protein SeqID	Gene LocusID
12591	48775	BFR10866	24653	60837	LMO102115	36714	72898	SPA101277
12592	48776	BFR10873	24654	60838	LMO102125	36715	72899	SPA101278
12593	48777	BFR10875	24655	60839	LMO102136	36716	72900	SPA101279
12594	48778	BFR10878	24656	60840	LMO102138	36717	72901	SPA101282
12595	48779	BFR10882	24657	60841	LMO102140	36718	72902	SPA101283
12596	48780	BFR10883	24658	60842	LMO102143	36719	72903	SPA101285
12597	48781	BFR10884	24659	60843	LMO102149	36720	72904	SPA101296
12598	48782	BFR10892	24660	60844	LMO102155	36721	72905	SPA101299
12599	48783	BFR10905	24661	60845	LMO102156	36722	72906	SPA101308
12600	48784	BFR10908	24662	60846	LMO102163	36723	72907	SPA101311
12601	48785	BFR10916	24663	60847	LMO102167	36724	72908	SPA101312
12602	48786	BFR10923	24664	60848	LMO102173	36725	72909	SPA101314
12603	48787	BFR10945	24665	60849	LMO102174	36726	72910	SPA101315
12604	48788	BFR10950	24666	60850	LMO102179	36727	72911	SPA101329
12605	48789	BFR10990	24667	60851	LMO102180	36728	72912	SPA101338
12606	48790	BFR11001	24668	60852	LMO102184	36729	72913	SPA101340
12607	48791	BFR11005	24669	60853	LMO102187	36730	72914	SPA101351
12608	48792	BFR11006	24670	60854	LMO102191	36731	72915	SPA101358
12609	48793	BFR11007	24671	60855	LMO102194	36732	72916	SPA101365
12610	48794	BFR11026	24672	60856	LMO102202	36733	72917	SPA101378
12611	48795	BFR11028	24673	60857	LMO102204	36734	72918	SPA101379
12612	48796	BFR11030	24674	60858	LMO102205	36735	72919	SPA101380
12613	48797	BFR11037	24675	60859	LMO102215	36736	72920	SPA101389
12614	48798	BFR11044	24676	60860	LMO102223	36737	72921	SPA101395
12615	48799	BFR11051	24677	60861	LMO102225	36738	72922	SPA101398
12616	48800	BFR11086	24678	60862	LMO102229	36739	72923	SPA101404
12617	48801	BFR11093	24679	60863	LMO102230	36740	72924	SPA101410
12618	48802	BFR11102	24680	60864	LMO102232	36741	72925	SPA101415
12619	48803	BFR11118	24681	60865	LMO102234	36742	72926	SPA101417
12620	48804	BFR11151	24682	60866	LMO102241	36743	72927	SPA101428
12621	48805	BFR11164	24683	60867	LMO102242	36744	72928	SPA101433
12622	48806	BFR11172	24684	60868	LMO102246	36745	72929	SPA101434
12623	48807	BFR11177	24685	60869	LMO102252	36746	72930	SPA101441
12624	48808	BFR11190	24686	60870	LMO102254	36747	72931	SPA101448
12625	48809	BFR11201	24687	60871	LMO102257	36748	72932	SPA101449
12626	48810	BFR11202	24688	60872	LMO102271	36749	72933	SPA101461
12627	48811	BFR11210	24689	60873	LMO102272	36750	72934	SPA101468
12628	48812	BFR11211	24690	60874	LMO102288	36751	72935	SPA101471
12629	48813	BFR11213	24691	60875	LMO102292	36752	72936	SPA101473
12630	48814	BFR11219	24692	60876	LMO102293	36753	72937	SPA101478
12631	48815	BFR11237	24693	60877	LMO102295	36754	72938	SPA101480
12632	48816	BFR11240	24694	60878	LMO102296	36755	72939	SPA101481
12633	48817	BFR11247	24695	60879	LMO102303	36756	72940	SPA101487
12634	48818	BFR11249	24696	60880	LMO102309	36757	72941	SPA101490
12635	48819	BFR11263	24697	60881	LMO102312	36758	72942	SPA101492
12636	48820	BFR11272	24698	60882	LMO102315	36759	72943	SPA101502
12637	48821	BFR11277	24699	60883	LMO102317	36760	72944	SPA101511
12638	48822	BFR11285	24700	60884	LMO102322	36761	72945	SPA101514
12639	48823	BFR11289	24701	60885	LMO102324	36762	72946	SPA101520
12640	48824	BFR11299	24702	60886	LMO102329	36763	72947	SPA101521
12641	48825	BFR11305	24703	60887	LMO102330	36764	72948	SPA101522
12642	48826	BFR11308	24704	60888	LMO102338	36765	72949	SPA101524
12643	48827	BFR11309	24705	60889	LMO102341	36766	72950	SPA101525
12644	48828	BFR11333	24706	60890	LMO102346	36767	72951	SPA101526
12645	48829	BFR11337	24707	60891	LMO102350	36768	72952	SPA101528

DNA SeqID	Protein SeqID	Gene LocusID	DNA SeqID	Protein SeqID	Gene LocusID	DNA SeqID	Protein SeqID	Gene LocusID
12646	48830	BFR11341	24708	60892	LMO102357	36769	72953	SPA101531
12647	48831	BFR11345	24709	60893	LMO102359	36770	72954	SPA101534
12648	48832	BFR11357	24710	60894	LMO102362	36771	72955	SPA101536
12649	48833	BFR11358	24711	60895	LMO102363	36772	72956	SPA101546
12650	48834	BFR11362	24712	60896	LMO102367	36773	72957	SPA101548
12651	48835	BFR11370	24713	60897	LMO102369	36774	72958	SPA101549
12652	48836	BFR11372	24714	60898	LMO102370	36775	72959	SPA101556
12653	48837	BFR11379	24715	60899	LMO102375	36776	72960	SPA101560
12654	48838	BFR11387	24716	60900	LMO102378	36777	72961	SPA101562
12655	48839	BFR11393	24717	60901	LMO102383	36778	72962	SPA101563
12656	48840	BFR11395	24718	60902	LMO102390	36779	72963	SPA101565
12657	48841	BFR11399	24719	60903	LMO102391	36780	72964	SPA101566
12658	48842	BFR11403	24720	60904	LMO102393	36781	72965	SPA101582
12659	48843	BFR11415	24721	60905	LMO102395	36782	72966	SPA101583
12660	48844	BFR11417	24722	60906	LMO102397	36783	72967	SPA101586
12661	48845	BFR11423	24723	60907	LMO102418	36784	72968	SPA101587
12662	48846	BFR11425	24724	60908	LMO102427	36785	72969	SPA101593
12663	48847	BFR11426	24725	60909	LMO102428	36786	72970	SPA101594
12664	48848	BFR11427	24726	60910	LMO102429	36787	72971	SPA101599
12665	48849	BFR11444	24727	60911	LMO102434	36788	72972	SPA101601
12666	48850	BFR11462	24728	60912	LMO102436	36789	72973	SPA101602
12667	48851	BFR11466	24729	60913	LMO102441	36790	72974	SPA101603
12668	48852	BFR11469	24730	60914	LMO102454	36791	72975	SPA101612
12669	48853	BFR11470	24731	60915	LMO102456	36792	72976	SPA101627
12670	48854	BFR11473	24732	60916	LMO102461	36793	72977	SPA101630
12671	48855	BFR11474	24733	60917	LMO102464	36794	72978	SPA101635
12672	48856	BFR11476	24734	60918	LMO102467	36795	72979	SPA101637
12673	48857	BFR11479	24735	60919	LMO102472	36796	72980	SPA101640
12674	48858	BFR11480	24736	60920	LMO102476	36797	72981	SPA101642
12675	48859	BFR11486	24737	60921	LMO102502	36798	72982	SPA101643
12676	48860	BFR11487	24738	60922	LMO102506	36799	72983	SPA101649
12677	48861	BFR11494	24739	60923	LMO102507	36800	72984	SPA101650
12678	48862	BFR11509	24740	60924	LMO102508	36801	72985	SPA101656
12679	48863	BFR11511	24741	60925	LMO102509	36802	72986	SPA101670
12680	48864	BFR11516	24742	60926	LMO102513	36803	72987	SPA101671
12681	48865	BFR11517	24743	60927	LMO102516	36804	72988	SPA101674
12682	48866	BFR11519	24744	60928	LMO102519	36805	72989	SPA101676
12683	48867	BFR11527	24745	60929	LMO102523	36806	72990	SPA101683
12684	48868	BFR11529	24746	60930	LMO102528	36807	72991	SPA101687
12685	48869	BFR11543	24747	60931	LMO102529	36808	72992	SPA101689
12686	48870	BFR11555	24748	60932	LMO102534	36809	72993	SPA101690
12687	48871	BFR11566	24749	60933	LMO102536	36810	72994	SPA101691
12688	48872	BFR11585	24750	60934	LMO102538	36811	72995	SPA101695
12689	48873	BFR11588	24751	60935	LMO102542	36812	72996	SPA101696
12690	48874	BFR11590	24752	60936	LMO102551	36813	72997	SPA101703
12691	48875	BFR11594	24753	60937	LMO102553	36814	72998	SPA101711
12692	48876	BFR11611	24754	60938	LMO102556	36815	72999	SPA101712
12693	48877	BFR11613	24755	60939	LMO102567	36816	73000	SPA101716
12694	48878	BFR11614	24756	60940	LMO102568	36817	73001	SPA101717
12695	48879	BFR11620	24757	60941	LMO102574	36818	73002	SPA101722
12696	48880	BFR11621	24758	60942	LMO102587	36819	73003	SPA101723
12697	48881	BFR11634	24759	60943	LMO102593	36820	73004	SPA101725
12698	48882	BFR11644	24760	60944	LMO102606	36821	73005	SPA101726
12699	48883	BFR11646	24761	60945	LMO102609	36822	73006	SPA101729
12700	48884	BFR11654	24762	60946	LMO102611	36823	73007	SPA101733

DNA SeqID	Protein SeqID	Gene LocusID	DNA SeqID	Protein SeqID	Gene LocusID	DNA SeqID	Protein SeqID	Gene LocusID
12701	48885	BFR11658	24763	60947	LMO102616	36824	73008	SPA101734
12702	48886	BFR11663	24764	60948	LMO102620	36825	73009	SPA101737
12703	48887	BFR11670	24765	60949	LMO102621	36826	73010	SPA101738
12704	48888	BFR11674	24766	60950	LMO102626	36827	73011	SPA101751
12705	48889	BFR11675	24767	60951	LMO102628	36828	73012	SPA101753
12706	48890	BFR11684	24768	60952	LMO102632	36829	73013	SPA101756
12707	48891	BFR11690	24769	60953	LMO102636	36830	73014	SPA101758
12708	48892	BFR11695	24770	60954	LMO102639	36831	73015	SPA101762
12709	48893	BFR11696	24771	60955	LMO102640	36832	73016	SPA101764
12710	48894	BFR11698	24772	60956	LMO102644	36833	73017	SPA101767
12711	48895	BFR11712	24773	60957	LMO102654	36834	73018	SPA101768
12712	48896	BFR11714	24774	60958	LMO102655	36835	73019	SPA101769
12713	48897	BFR11719	24775	60959	LMO102657	36836	73020	SPA101779
12714	48898	BFR11721	24776	60960	LMO102666	36837	73021	SPA101786
12715	48899	BFR11725	24777	60961	LMO102668	36838	73022	SPA101787
12716	48900	BFR11737	24778	60962	LMO102676	36839	73023	SPA101792
12717	48901	BFR11762	24779	60963	LMO102680	36840	73024	SPA101797
12718	48902	BFR11769	24780	60964	LMO102682	36841	73025	SPA101798
12719	48903	BFR11775	24781	60965	LMO102686	36842	73026	SPA101802
12720	48904	BFR11777	24782	60966	LMO102690	36843	73027	SPA101804
12721	48905	BFR11786	24783	60967	LMO102691	36844	73028	SPA101806
12722	48906	BFR11789	24784	60968	LMO102694	36845	73029	SPA101807
12723	48907	BFR11792	24785	60969	LMO102700	36846	73030	SPA101818
12724	48908	BFR11800	24786	60970	LMO102701	36847	73031	SPA101820
12725	48909	BFR11813	24787	60971	LMO102705	36848	73032	SPA101828
12726	48910	BFR11814	24788	60972	LMO102707	36849	73033	SPA101833
12727	48911	BFR11820	24789	60973	LMO102708	36850	73034	SPA101836
12728	48912	BFR11827	24790	60974	LMO102719	36851	73035	SPA101839
12729	48913	BFR11829	24791	60975	LMO102721	36852	73036	SPA101840
12730	48914	BFR11837	24792	60976	LMO102723	36853	73037	SPA101844
12731	48915	BFR11841	24793	60977	LMO102727	36854	73038	SPA101845
12732	48916	BFR11862	24794	60978	LMO102728	36855	73039	SPA101847
12733	48917	BFR11892	24795	60979	LMO102733	36856	73040	SPA101848
12734	48918	BFR11898	24796	60980	LMO102736	36857	73041	SPA101850
12735	48919	BFR11899	24797	60981	LMO102737	36858	73042	SPA101860
12736	48920	BFR11901	24798	60982	LMO102748	36859	73043	SPA101864
12737	48921	BFR11917	24799	60983	LMO102755	36860	73044	SPA101871
12738	48922	BFR11919	24800	60984	LMO102762	36861	73045	SPA101872
12739	48923	BFR11925	24801	60985	LMO102766	36862	73046	SPA101873
12740	48924	BFR11926	24802	60986	LMO102769	36863	73047	SPA101874
12741	48925	BFR11933	24803	60987	LMO102776	36864	73048	SPA101877
12742	48926	BFR11934	24804	60988	LMO102778	36865	73049	SPA101879
12743	48927	BFR11938	24805	60989	LMO102782	36866	73050	SPA101887
12744	48928	BFR11955	24806	60990	LMO102790	36867	73051	SPA101888
12745	48929	BFR11957	24807	60991	LMO102795	36868	73052	SPA101889
12746	48930	BFR11994	24808	60992	LMO102809	36869	73053	SPA101890
12747	48931	BFR12010	24809	60993	LMO102819	36870	73054	SPA101891
12748	48932	BFR12028	24810	60994	LMO102823	36871	73055	SPA101905
12749	48933	BFR12031	24811	60995	LMO102824	36872	73056	SPA101906
12750	48934	BFR12043	24812	60996	LMO102830	36873	73057	SPA101915
12751	48935	BFR12076	24813	60997	LMO102831	36874	73058	SPA101916
12752	48936	BFR12085	24814	60998	LMO102833	36875	73059	SPA101921
12753	48937	BFR12098	24815	60999	LMO102835	36876	73060	SPA101922
12754	48938	BFR12116	24816	61000	LMO102839	36877	73061	SPA101923
12755	48939	BFR12122	24817	61001	LMO102840	36878	73062	SPA101936

DNA SeqID	Protein SeqID	Gene LocusID	DNA SeqID	Protein SeqID	Gene LocusID	DNA SeqID	Protein SeqID	Gene LocusID
12756	48940	BFR12135	24818	61002	LMO102848	36879	73063	SPA101937
12757	48941	BFR12137	24819	61003	LMO102853	36880	73064	SPA101944
12758	48942	BFR12149	24820	61004	LMO102857	36881	73065	SPA101946
12759	48943	BFR12153	24821	61005	LMO102860	36882	73066	SPA101953
12760	48944	BFR12159	24822	61006	LMO102867	36883	73067	SPA101954
12761	48945	BFR12193	24823	61007	LMO102883	36884	73068	SPA101969
12762	48946	BFR12194	24824	61008	LMO102885	36885	73069	SPA101970
12763	48947	BFR12198	24825	61009	LMO102887	36886	73070	SPA101972
12764	48948	BFR12227	24826	61010	LMO102895	36887	73071	SPA101973
12765	48949	BFR12234	24827	61011	LMO102897	36888	73072	SPA101976
12766	48950	BFR12241	24828	61012	LMO102901	36889	73073	SPA101992
12767	48951	BFR12249	24829	61013	LMO102906	36890	73074	SPA101996
12768	48952	BFR12250	24830	61014	LMO102909	36891	73075	SPA101999
12769	48953	BFR12282	24831	61015	LMO102910	36892	73076	SPA102000
12770	48954	BFR12283	24832	61016	LMO102911	36893	73077	SPA102006
12771	48955	BFR12295	24833	61017	LMO102915	36894	73078	SPA102021
12772	48956	BFR12308	24834	61018	LMO102924	36895	73079	SPA102022
12773	48957	BFR12344	24835	61019	LMO102925	36896	73080	SPA102026
12774	48958	BFR12345	24836	61020	LMO102926	36897	73081	SPA102033
12775	48959	BFR12359	24837	61021	LMO102928	36898	73082	SPA102034
12776	48960	BFR12371	24838	61022	LMO102929	36899	73083	SPA102040
12777	48961	BFR12375	24839	61023	LMO102930	36900	73084	SPA102043
12778	48962	BFR12383	24840	61024	LMO102931	36901	73085	SPA102048
12779	48963	BFR12413	24841	61025	LMO102938	36902	73086	SPA102050
12780	48964	BFR12421	24842	61026	LPN100014	36903	73087	SPA102059
12781	48965	BFR12422	24843	61027	LPN100018	36904	73088	SPA102062
12782	48966	BFR12436	24844	61028	LPN100024	36905	73089	SPA102064
12783	48967	BFR12450	24845	61029	LPN100032	36906	73090	SPA102065
12784	48968	BFR12455	24846	61030	LPN100036	36907	73091	SPA102067
12785	48969	BFR12457	24847	61031	LPN100039	36908	73092	SPA102068
12786	48970	BFR12467	24848	61032	LPN100053	36909	73093	SPA102072
12787	48971	BFR12473	24849	61033	LPN100100	36910	73094	SPA102074
12788	48972	BFR12474	24850	61034	LPN100108	36911	73095	SPA102080
12789	48973	BFR12478	24851	61035	LPN100109	36912	73096	SPA102108
12790	48974	BFR12483	24852	61036	LPN100114	36913	73097	SPA102110
12791	48975	BFR12921	24853	61037	LPN100121	36914	73098	SPA102116
12792	48976	BFR13634	24854	61038	LPN100134	36915	73099	SPA102125
12793	48977	BFR14231	24855	61039	LPN100139	36916	73100	SPA102129
12794	48978	BFU100017	24856	61040	LPN100144	36917	73101	SPA102134
12795	48979	BFU100048	24857	61041	LPN100153	36918	73102	SPA102141
12796	48980	BFU100071	24858	61042	LPN100159	36919	73103	SPA102146
12797	48981	BFU100073	24859	61043	LPN100161	36920	73104	SPA102150
12798	48982	BFU100077	24860	61044	LPN100162	36921	73105	SPA102151
12799	48983	BFU100079	24861	61045	LPN100163	36922	73106	SPA102152
12800	48984	BFU100082	24862	61046	LPN100168	36923	73107	SPA102153
12801	48985	BFU100092	24863	61047	LPN100171	36924	73108	SPA102154
12802	48986	BFU100101	24864	61048	LPN100189	36925	73109	SPA102155
12803	48987	BFU100103	24865	61049	LPN100193	36926	73110	SPA102158
12804	48988	BFU100109	24866	61050	LPN100195	36927	73111	SPA102160
12805	48989	BFU100111	24867	61051	LPN100210	36928	73112	SPA102162
12806	48990	BFU100112	24868	61052	LPN100213	36929	73113	SPA102170
12807	48991	BFU100113	24869	61053	LPN100214	36930	73114	SPA102180
12808	48992	BFU100161	24870	61054	LPN100221	36931	73115	SPA102185
12809	48993	BFU100162	24871	61055	LPN100223	36932	73116	SPA102202
12810	48994	BFU100163	24872	61056	LPN100228	36933	73117	SPA102204

DNA SeqID	Protein SeqID	Gene LocusID	DNA SeqID	Protein SeqID	Gene LocusID	DNA SeqID	Protein SeqID	Gene LocusID
12811	48995	BFU100165	24873	61057	LPN100247	36934	73118	SPA102210
12812	48996	BFU100174	24874	61058	LPN100258	36935	73119	SPA102211
12813	48997	BFU100176	24875	61059	LPN100259	36936	73120	SPA102212
12814	48998	BFU100180	24876	61060	LPN100265	36937	73121	SPA102213
12815	48999	BFU100183	24877	61061	LPN100279	36938	73122	SPA102215
12816	49000	BFU100198	24878	61062	LPN100282	36939	73123	SPA102216
12817	49001	BFU100199	24879	61063	LPN100294	36940	73124	SPA102217
12818	49002	BFU100212	24880	61064	LPN100304	36941	73125	SPA102218
12819	49003	BFU100214	24881	61065	LPN100305	36942	73126	SPA102223
12820	49004	BFU100216	24882	61066	LPN100314	36943	73127	SPA102250
12821	49005	BFU100218	24883	61067	LPN100325	36944	73128	SPA102272
12822	49006	BFU100232	24884	61068	LPN100326	36945	73129	SPA102280
12823	49007	BFU100233	24885	61069	LPN100331	36946	73130	SPA102291
12824	49008	BFU100247	24886	61070	LPN100340	36947	73131	SPA102297
12825	49009	BFU100260	24887	61071	LPN100345	36948	73132	SPA102307
12826	49010	BFU100267	24888	61072	LPN100348	36949	73133	SPA102308
12827	49011	BFU100268	24889	61073	LPN100369	36950	73134	SPA102312
12828	49012	BFU100269	24890	61074	LPN100384	36951	73135	SPA102318
12829	49013	BFU100270	24891	61075	LPN100393	36952	73136	SPA102319
12830	49014	BFU100271	24892	61076	LPN100405	36953	73137	SPA102320
12831	49015	BFU100272	24893	61077	LPN100410	36954	73138	SPA102322
12832	49016	BFU100273	24894	61078	LPN100418	36955	73139	SPA102323
12833	49017	BFU100274	24895	61079	LPN100428	36956	73140	SPA102325
12834	49018	BFU100276	24896	61080	LPN100434	36957	73141	SPA102327
12835	49019	BFU100277	24897	61081	LPN100436	36958	73142	SPA102336
12836	49020	BFU100278	24898	61082	LPN100438	36959	73143	SPA102343
12837	49021	BFU100279	24899	61083	LPN100442	36960	73144	SPA102354
12838	49022	BFU100280	24900	61084	LPN100444	36961	73145	SPA102356
12839	49023	BFU100324	24901	61085	LPN100452	36962	73146	SPA102370
12840	49024	BFU100346	24902	61086	LPN100459	36963	73147	SPA102371
12841	49025	BFU100359	24903	61087	LPN100461	36964	73148	SPA102374
12842	49026	BFU100360	24904	61088	LPN100464	36965	73149	SPA102382
12843	49027	BFU100376	24905	61089	LPN100471	36966	73150	SPA102393
12844	49028	BFU100380	24906	61090	LPN100473	36967	73151	SPA102395
12845	49029	BFU100381	24907	61091	LPN100476	36968	73152	SPA102396
12846	49030	BFU100382	24908	61092	LPN100480	36969	73153	SPA102407
12847	49031	BFU100383	24909	61093	LPN100481	36970	73154	SPA102412
12848	49032	BFU100384	24910	61094	LPN100482	36971	73155	SPA102415
12849	49033	BFU100385	24911	61095	LPN100488	36972	73156	SPA102422
12850	49034	BFU100386	24912	61096	LPN100501	36973	73157	SPA102433
12851	49035	BFU100387	24913	61097	LPN100506	36974	73158	SPA102439
12852	49036	BFU100388	24914	61098	LPN100508	36975	73159	SPA102449
12853	49037	BFU100389	24915	61099	LPN100516	36976	73160	SPA102453
12854	49038	BFU100390	24916	61100	LPN100517	36977	73161	SPA102458
12855	49039	BFU100391	24917	61101	LPN100519	36978	73162	SPA102459
12856	49040	BFU100399	24918	61102	LPN100520	36979	73163	SPA102463
12857	49041	BFU100400	24919	61103	LPN100523	36980	73164	SPA102470
12858	49042	BFU100404	24920	61104	LPN100524	36981	73165	SPA102475
12859	49043	BFU100405	24921	61105	LPN100532	36982	73166	SPA102476
12860	49044	BFU100406	24922	61106	LPN100538	36983	73167	SPA102479
12861	49045	BFU100407	24923	61107	LPN100559	36984	73168	SPA102480
12862	49046	BFU100408	24924	61108	LPN100571	36985	73169	SPA102485
12863	49047	BFU100415	24925	61109	LPN100583	36986	73170	SPA102493
12864	49048	BFU100449	24926	61110	LPN100587	36987	73171	SPA102524
12865	49049	BFU100454	24927	61111	LPN100590	36988	73172	SPA102528

DNA SeqID	Protein SeqID	Gene LocusID	DNA SeqID	Protein SeqID	Gene LocusID	DNA SeqID	Protein SeqID	Gene LocusID
12866	49050	BFU100470	24928	61112	LPN100591	36989	73173	SPA102529
12867	49051	BFU100476	24929	61113	LPN100598	36990	73174	SPA102530
12868	49052	BFU100478	24930	61114	LPN100608	36991	73175	SPA102538
12869	49053	BFU100479	24931	61115	LPN100616	36992	73176	SPA102539
12870	49054	BFU100482	24932	61116	LPN100617	36993	73177	SPA102541
12871	49055	BFU100495	24933	61117	LPN100622	36994	73178	SPA102544
12872	49056	BFU100498	24934	61118	LPN100627	36995	73179	SPA102545
12873	49057	BFU100507	24935	61119	LPN100635	36996	73180	SPA102546
12874	49058	BFU100508	24936	61120	LPN100642	36997	73181	SPA102548
12875	49059	BFU100516	24937	61121	LPN100643	36998	73182	SPA102558
12876	49060	BFU100521	24938	61122	LPN100646	36999	73183	SPA102560
12877	49061	BFU100523	24939	61123	LPN100655	37000	73184	SPA102565
12878	49062	BFU100525	24940	61124	LPN100657	37001	73185	SPA102566
12879	49063	BFU100526	24941	61125	LPN100664	37002	73186	SPA102570
12880	49064	BFU100533	24942	61126	LPN100676	37003	73187	SPA102571
12881	49065	BFU100534	24943	61127	LPN100686	37004	73188	SPA102574
12882	49066	BFU100537	24944	61128	LPN100694	37005	73189	SPA102584
12883	49067	BFU100576	24945	61129	LPN100696	37006	73190	SPA102585
12884	49068	BFU100577	24946	61130	LPN100697	37007	73191	SPA102587
12885	49069	BFU100592	24947	61131	LPN100705	37008	73192	SPA102591
12886	49070	BFU100595	24948	61132	LPN100706	37009	73193	SPA102598
12887	49071	BFU100597	24949	61133	LPN100716	37010	73194	SPA102605
12888	49072	BFU100599	24950	61134	LPN100722	37011	73195	SPA102618
12889	49073	BFU100604	24951	61135	LPN100728	37012	73196	SPA102621
12890	49074	BFU100618	24952	61136	LPN100740	37013	73197	SPA102627
12891	49075	BFU100630	24953	61137	LPN100742	37014	73198	SPA102628
12892	49076	BFU100632	24954	61138	LPN100743	37015	73199	SPA102630
12893	49077	BFU100662	24955	61139	LPN100752	37016	73200	SPA102638
12894	49078	BFU100675	24956	61140	LPN100761	37017	73201	SPA102643
12895	49079	BFU100679	24957	61141	LPN100764	37018	73202	SPA102649
12896	49080	BFU100680	24958	61142	LPN100768	37019	73203	SPA102652
12897	49081	BFU100682	24959	61143	LPN100769	37020	73204	SPA102653
12898	49082	BFU100683	24960	61144	LPN100774	37021	73205	SPA102655
12899	49083	BFU100684	24961	61145	LPN100778	37022	73206	SPA102656
12900	49084	BFU100696	24962	61146	LPN100779	37023	73207	SPA102658
12901	49085	BFU100703	24963	61147	LPN100787	37024	73208	SPA102660
12902	49086	BFU100706	24964	61148	LPN100788	37025	73209	SPA102662
12903	49087	BFU100730	24965	61149	LPN100793	37026	73210	SPA102684
12904	49088	BFU100736	24966	61150	LPN100810	37027	73211	SPA102685
12905	49089	BFU100745	24967	61151	LPN100817	37028	73212	SPA102688
12906	49090	BFU100752	24968	61152	LPN100835	37029	73213	SPA102695
12907	49091	BFU100755	24969	61153	LPN100836	37030	73214	SPA102706
12908	49092	BFU100767	24970	61154	LPN100837	37031	73215	SPA102707
12909	49093	BFU100768	24971	61155	LPN100851	37032	73216	SPA102710
12910	49094	BFU100791	24972	61156	LPN100852	37033	73217	SPA102711
12911	49095	BFU100798	24973	61157	LPN100853	37034	73218	SPA102712
12912	49096	BFU100814	24974	61158	LPN100854	37035	73219	SPA102731
12913	49097	BFU100816	24975	61159	LPN100863	37036	73220	SPA102732
12914	49098	BFU100818	24976	61160	LPN100867	37037	73221	SPA102733
12915	49099	BFU100819	24977	61161	LPN100869	37038	73222	SPA102738
12916	49100	BFU100820	24978	61162	LPN100873	37039	73223	SPA102739
12917	49101	BFU100821	24979	61163	LPN100879	37040	73224	SPA102740
12918	49102	BFU100822	24980	61164	LPN100888	37041	73225	SPA102741
12919	49103	BFU100823	24981	61165	LPN100889	37042	73226	SPA102745
12920	49104	BFU100824	24982	61166	LPN100896	37043	73227	SPA102746

DNA SeqID	Protein SeqID	Gene LocusID	DNA SeqID	Protein SeqID	Gene LocusID	DNA SeqID	Protein SeqID	Gene LocusID
12921	49105	BFU100825	24983	61167	LPN100898	37044	73228	SPA102750
12922	49106	BFU100826	24984	61168	LPN100900	37045	73229	SPA102751
12923	49107	BFU100842	24985	61169	LPN100911	37046	73230	SPA102753
12924	49108	BFU100843	24986	61170	LPN100915	37047	73231	SPA102754
12925	49109	BFU100844	24987	61171	LPN100916	37048	73232	SPA102755
12926	49110	BFU100845	24988	61172	LPN100920	37049	73233	SPA102756
12927	49111	BFU100846	24989	61173	LPN100923	37050	73234	SPA102757
12928	49112	BFU100847	24990	61174	LPN100924	37051	73235	SPA102763
12929	49113	BFU100848	24991	61175	LPN100925	37052	73236	SPA102766
12930	49114	BFU100849	24992	61176	LPN100930	37053	73237	SPA102767
12931	49115	BFU100854	24993	61177	LPN100954	37054	73238	SPA102770
12932	49116	BFU100858	24994	61178	LPN100956	37055	73239	SPA102785
12933	49117	BFU100864	24995	61179	LPN100959	37056	73240	SPA102789
12934	49118	BFU100866	24996	61180	LPN100962	37057	73241	SPA102792
12935	49119	BFU100867	24997	61181	LPN100965	37058	73242	SPA102794
12936	49120	BFU100868	24998	61182	LPN100968	37059	73243	SPA102795
12937	49121	BFU100907	24999	61183	LPN100982	37060	73244	SPA102796
12938	49122	BFU100939	25000	61184	LPN100988	37061	73245	SPA102798
12939	49123	BFU100945	25001	61185	LPN100990	37062	73246	SPA102801
12940	49124	BFU100947	25002	61186	LPN100995	37063	73247	SPA102802
12941	49125	BFU100950	25003	61187	LPN101006	37064	73248	SPA102803
12942	49126	BFU100954	25004	61188	LPN101016	37065	73249	SPA102806
12943	49127	BFU100980	25005	61189	LPN101017	37066	73250	SPA102808
12944	49128	BFU100991	25006	61190	LPN101018	37067	73251	SPA102812
12945	49129	BFU100993	25007	61191	LPN101026	37068	73252	SPA102819
12946	49130	BFU100995	25008	61192	LPN101041	37069	73253	SPA102820
12947	49131	BFU101014	25009	61193	LPN101049	37070	73254	SPA102828
12948	49132	BFU101022	25010	61194	LPN101055	37071	73255	SPA102831
12949	49133	BFU101027	25011	61195	LPN101085	37072	73256	SPA102834
12950	49134	BFU101036	25012	61196	LPN101088	37073	73257	SPA102836
12951	49135	BFU101038	25013	61197	LPN101097	37074	73258	SPA102837
12952	49136	BFU101050	25014	61198	LPN101111	37075	73259	SPA102841
12953	49137	BFU101051	25015	61199	LPN101116	37076	73260	SPA102842
12954	49138	BFU101073	25016	61200	LPN101126	37077	73261	SPA102846
12955	49139	BFU101074	25017	61201	LPN101129	37078	73262	SPA102856
12956	49140	BFU101081	25018	61202	LPN101130	37079	73263	SPA102874
12957	49141	BFU101094	25019	61203	LPN101135	37080	73264	SPA102876
12958	49142	BFU101096	25020	61204	LPN101141	37081	73265	SPA102883
12959	49143	BFU101107	25021	61205	LPN101153	37082	73266	SPA102886
12960	49144	BFU101113	25022	61206	LPN101155	37083	73267	SPA102897
12961	49145	BFU101118	25023	61207	LPN101161	37084	73268	SPA102906
12962	49146	BFU101121	25024	61208	LPN101162	37085	73269	SPA102908
12963	49147	BFU101138	25025	61209	LPN101167	37086	73270	SPA102910
12964	49148	BFU101142	25026	61210	LPN101177	37087	73271	SPA102914
12965	49149	BFU101145	25027	61211	LPN101178	37088	73272	SPA102916
12966	49150	BFU101148	25028	61212	LPN101186	37089	73273	SPA102917
12967	49151	BFU101149	25029	61213	LPN101189	37090	73274	SPA102924
12968	49152	BFU101154	25030	61214	LPN101194	37091	73275	SPA102933
12969	49153	BFU101157	25031	61215	LPN101208	37092	73276	SPA102935
12970	49154	BFU101165	25032	61216	LPN101209	37093	73277	SPA102936
12971	49155	BFU101166	25033	61217	LPN101227	37094	73278	SPA102938
12972	49156	BFU101173	25034	61218	LPN101229	37095	73279	SPA102939
12973	49157	BFU101199	25035	61219	LPN101231	37096	73280	SPA102952
12974	49158	BFU101208	25036	61220	LPN101240	37097	73281	SPA102961
12975	49159	BFU101210	25037	61221	LPN101241	37098	73282	SPA102971

DNA SeqID	Protein SeqID	Gene LocusID	DNA SeqID	Protein SeqID	Gene LocusID	DNA SeqID	Protein SeqID	Gene LocusID
12976	49160	BFU101219	25038	61222	LPN101252	37099	73283	SPA102972
12977	49161	BFU101224	25039	61223	LPN101253	37100	73284	SPA102974
12978	49162	BFU101229	25040	61224	LPN101257	37101	73285	SPA102976
12979	49163	BFU101230	25041	61225	LPN101264	37102	73286	SPA102977
12980	49164	BFU101231	25042	61226	LPN101272	37103	73287	SPA102978
12981	49165	BFU101232	25043	61227	LPN101283	37104	73288	SPA102979
12982	49166	BFU101233	25044	61228	LPN101284	37105	73289	SPA102980
12983	49167	BFU101239	25045	61229	LPN101285	37106	73290	SPA102982
12984	49168	BFU101254	25046	61230	LPN101295	37107	73291	SPA102989
12985	49169	BFU101273	25047	61231	LPN101298	37108	73292	SPA102993
12986	49170	BFU101276	25048	61232	LPN101316	37109	73293	SPA102996
12987	49171	BFU101289	25049	61233	LPN101317	37110	73294	SPA102997
12988	49172	BFU101296	25050	61234	LPN101324	37111	73295	SPA102998
12989	49173	BFU101300	25051	61235	LPN101338	37112	73296	SPA103001
12990	49174	BFU101321	25052	61236	LPN101342	37113	73297	SPA103008
12991	49175	BFU101343	25053	61237	LPN101348	37114	73298	SPA103010
12992	49176	BFU101346	25054	61238	LPN101352	37115	73299	SPA103016
12993	49177	BFU101347	25055	61239	LPN101358	37116	73300	SPA103017
12994	49178	BFU101352	25056	61240	LPN101363	37117	73301	SPA103023
12995	49179	BFU101355	25057	61241	LPN101369	37118	73302	SPA103024
12996	49180	BFU101358	25058	61242	LPN101370	37119	73303	SPA103028
12997	49181	BFU101371	25059	61243	LPN101375	37120	73304	SPA103032
12998	49182	BFU101390	25060	61244	LPN101389	37121	73305	SPA103039
12999	49183	BFU101391	25061	61245	LPN101390	37122	73306	SPA103041
13000	49184	BFU101392	25062	61246	LPN101401	37123	73307	SPA103053
13001	49185	BFU101396	25063	61247	LPN101403	37124	73308	SPA103063
13002	49186	BFU101441	25064	61248	LPN101405	37125	73309	SPA103064
13003	49187	BFU101445	25065	61249	LPN101410	37126	73310	SPA103066
13004	49188	BFU101450	25066	61250	LPN101418	37127	73311	SPA103068
13005	49189	BFU101460	25067	61251	LPN101429	37128	73312	SPA103073
13006	49190	BFU101488	25068	61252	LPN101432	37129	73313	SPA103077
13007	49191	BFU101491	25069	61253	LPN101435	37130	73314	SPA103081
13008	49192	BFU101498	25070	61254	LPN101443	37131	73315	SPA103088
13009	49193	BFU101500	25071	61255	LPN101449	37132	73316	SPA103099
13010	49194	BFU101504	25072	61256	LPN101451	37133	73317	SPA103104
13011	49195	BFU101514	25073	61257	LPN101454	37134	73318	SPA103107
13012	49196	BFU101528	25074	61258	LPN101460	37135	73319	SPA103110
13013	49197	BFU101537	25075	61259	LPN101461	37136	73320	SPA103111
13014	49198	BFU101538	25076	61260	LPN101462	37137	73321	SPA103113
13015	49199	BFU101555	25077	61261	LPN101463	37138	73322	SPA103117
13016	49200	BFU101557	25078	61262	LPN101472	37139	73323	SPA103118
13017	49201	BFU101558	25079	61263	LPN101474	37140	73324	SPA103120
13018	49202	BFU101559	25080	61264	LPN101476	37141	73325	SPA103123
13019	49203	BFU101564	25081	61265	LPN101477	37142	73326	SPA103124
13020	49204	BFU101573	25082	61266	LPN101493	37143	73327	SPA103125
13021	49205	BFU101584	25083	61267	LPN101495	37144	73328	SPA103126
13022	49206	BFU101594	25084	61268	LPN101502	37145	73329	SPA103128
13023	49207	BFU101595	25085	61269	LPN101508	37146	73330	SPA103134
13024	49208	BFU101596	25086	61270	LPN101514	37147	73331	SPA103143
13025	49209	BFU101597	25087	61271	LPN101519	37148	73332	SPA103146
13026	49210	BFU101599	25088	61272	LPN101520	37149	73333	SPA103147
13027	49211	BFU101626	25089	61273	LPN101523	37150	73334	SPA103149
13028	49212	BFU101638	25090	61274	LPN101529	37151	73335	SPA103154
13029	49213	BFU101647	25091	61275	LPN101532	37152	73336	SPA103158
13030	49214	BFU101657	25092	61276	LPN101546	37153	73337	SPA103161

DNA SeqID	Protein SeqID	Gene LocusID	DNA SeqID	Protein SeqID	Gene LocusID	DNA SeqID	Protein SeqID	Gene LocusID
13031	49215	BFU101663	25093	61277	LPN101554	37154	73338	SPA103168
13032	49216	BFU101670	25094	61278	LPN101555	37155	73339	SPA103175
13033	49217	BFU101680	25095	61279	LPN101562	37156	73340	SPA103176
13034	49218	BFU101681	25096	61280	LPN101572	37157	73341	SPA103178
13035	49219	BFU101687	25097	61281	LPN101576	37158	73342	SPA103180
13036	49220	BFU101703	25098	61282	LPN101587	37159	73343	SPA103181
13037	49221	BFU101706	25099	61283	LPN101590	37160	73344	SPA103182
13038	49222	BFU101725	25100	61284	LPN101592	37161	73345	SPA103183
13039	49223	BFU101728	25101	61285	LPN101593	37162	73346	SPA103184
13040	49224	BFU101736	25102	61286	LPN101596	37163	73347	SPA103191
13041	49225	BFU101740	25103	61287	LPN101597	37164	73348	SPA103196
13042	49226	BFU101746	25104	61288	LPN101606	37165	73349	SPA103206
13043	49227	BFU101750	25105	61289	LPN101607	37166	73350	SPA103215
13044	49228	BFU101752	25106	61290	LPN101609	37167	73351	SPA103216
13045	49229	BFU101753	25107	61291	LPN101615	37168	73352	SPA103217
13046	49230	BFU101790	25108	61292	LPN101618	37169	73353	SPA103220
13047	49231	BFU101821	25109	61293	LPN101622	37170	73354	SPA103227
13048	49232	BFU101823	25110	61294	LPN101626	37171	73355	SPA103241
13049	49233	BFU101829	25111	61295	LPN101631	37172	73356	SPA103242
13050	49234	BFU101848	25112	61296	LPN101639	37173	73357	SPA103252
13051	49235	BFU101858	25113	61297	LPN101642	37174	73358	SPA103259
13052	49236	BFU101860	25114	61298	LPN101645	37175	73359	SPA103272
13053	49237	BFU101867	25115	61299	LPN101662	37176	73360	SPA103275
13054	49238	BFU101876	25116	61300	LPN101663	37177	73361	SPA103278
13055	49239	BFU101932	25117	61301	LPN101679	37178	73362	SPA103281
13056	49240	BFU101934	25118	61302	LPN101684	37179	73363	SPA103282
13057	49241	BFU101939	25119	61303	LPN101696	37180	73364	SPA103290
13058	49242	BFU101941	25120	61304	LPN101701	37181	73365	SPA103293
13059	49243	BFU101944	25121	61305	LPN101703	37182	73366	SPA103296
13060	49244	BFU101947	25122	61306	LPN101706	37183	73367	SPA103297
13061	49245	BFU101987	25123	61307	LPN101707	37184	73368	SPA103312
13062	49246	BFU101996	25124	61308	LPN101708	37185	73369	SPA103313
13063	49247	BFU102001	25125	61309	LPN101710	37186	73370	SPA103314
13064	49248	BFU102012	25126	61310	LPN101720	37187	73371	SPA103316
13065	49249	BFU102030	25127	61311	LPN101724	37188	73372	SPA103322
13066	49250	BFU102033	25128	61312	LPN101729	37189	73373	SPA103323
13067	49251	BFU102051	25129	61313	LPN101740	37190	73374	SPA103331
13068	49252	BFU102061	25130	61314	LPN101746	37191	73375	SPA103341
13069	49253	BFU102064	25131	61315	LPN101764	37192	73376	SPA103343
13070	49254	BFU102065	25132	61316	LPN101771	37193	73377	SPA103344
13071	49255	BFU102066	25133	61317	LPN101775	37194	73378	SPA103363
13072	49256	BFU102067	25134	61318	LPN101785	37195	73379	SPA103375
13073	49257	BFU102068	25135	61319	LPN101798	37196	73380	SPA103381
13074	49258	BFU102072	25136	61320	LPN101809	37197	73381	SPA103388
13075	49259	BFU102075	25137	61321	LPN101816	37198	73382	SPA103397
13076	49260	BFU102076	25138	61322	LPN101818	37199	73383	SPA103398
13077	49261	BFU102079	25139	61323	LPN101832	37200	73384	SPA103402
13078	49262	BFU102083	25140	61324	LPN101834	37201	73385	SPA103404
13079	49263	BFU102105	25141	61325	LPN101854	37202	73386	SPA103406
13080	49264	BFU102111	25142	61326	LPN101860	37203	73387	SPA103407
13081	49265	BFU102148	25143	61327	LPN101866	37204	73388	SPA103408
13082	49266	BFU102154	25144	61328	LPN101884	37205	73389	SPA103410
13083	49267	BFU102156	25145	61329	LPN101888	37206	73390	SPA103411
13084	49268	BFU102165	25146	61330	LPN101898	37207	73391	SPA103415
13085	49269	BFU102258	25147	61331	LPN101900	37208	73392	SPA103416

DNA SeqID	Protein SeqID	Gene LocusID	DNA SeqID	Protein SeqID	Gene LocusID	DNA SeqID	Protein SeqID	Gene LocusID
13086	49270	BFU102292	25148	61332	LPN101913	37209	73393	SPA103418
13087	49271	BFU102304	25149	61333	LPN101924	37210	73394	SPA103428
13088	49272	BFU102307	25150	61334	LPN101927	37211	73395	SPA103429
13089	49273	BFU102313	25151	61335	LPN101936	37212	73396	SPA103434
13090	49274	BFU102327	25152	61336	LPN101937	37213	73397	SPA103436
13091	49275	BFU102333	25153	61337	LPN101940	37214	73398	SPA103439
13092	49276	BFU102341	25154	61338	LPN101961	37215	73399	SPA103443
13093	49277	BFU102346	25155	61339	LPN101974	37216	73400	SPA103445
13094	49278	BFU102348	25156	61340	LPN101981	37217	73401	SPA103450
13095	49279	BFU102350	25157	61341	LPN101987	37218	73402	SPA103454
13096	49280	BFU102353	25158	61342	LPN101988	37219	73403	SPA103461
13097	49281	BFU102354	25159	61343	LPN101990	37220	73404	SPA103466
13098	49282	BFU102355	25160	61344	LPN101992	37221	73405	SPA103469
13099	49283	BFU102356	25161	61345	LPN101995	37222	73406	SPA103470
13100	49284	BFU102357	25162	61346	LPN101998	37223	73407	SPA103471
13101	49285	BFU102358	25163	61347	LPN102009	37224	73408	SPA103480
13102	49286	BFU102359	25164	61348	LPN102025	37225	73409	SPA103481
13103	49287	BFU102363	25165	61349	LPN102050	37226	73410	SPA103486
13104	49288	BFU102365	25166	61350	LPN102055	37227	73411	SPA103511
13105	49289	BFU102389	25167	61351	LPN102062	37228	73412	SPA103512
13106	49290	BFU102395	25168	61352	LPN102073	37229	73413	SPA103513
13107	49291	BFU102407	25169	61353	LPN102084	37230	73414	SPA103515
13108	49292	BFU102443	25170	61354	LPN102086	37231	73415	SPA103518
13109	49293	BFU102444	25171	61355	LPN102089	37232	73416	SPA103524
13110	49294	BFU102456	25172	61356	LPN102090	37233	73417	SPA103528
13111	49295	BFU102473	25173	61357	LPN102097	37234	73418	SPA103529
13112	49296	BFU102476	25174	61358	LPN102108	37235	73419	SPA103530
13113	49297	BFU102498	25175	61359	LPN102112	37236	73420	SPA103535
13114	49298	BFU102499	25176	61360	LPN102113	37237	73421	SPA103542
13115	49299	BFU102502	25177	61361	LPN102115	37238	73422	SPA103543
13116	49300	BFU102503	25178	61362	LPN102121	37239	73423	SPA103545
13117	49301	BFU102511	25179	61363	LPN102124	37240	73424	SPA103555
13118	49302	BFU102513	25180	61364	LPN102134	37241	73425	SPA103556
13119	49303	BFU102518	25181	61365	LPN102136	37242	73426	SPA103570
13120	49304	BFU102520	25182	61366	LPN102138	37243	73427	SPA103571
13121	49305	BFU102555	25183	61367	LPN102139	37244	73428	SPA103572
13122	49306	BFU102571	25184	61368	LPN102152	37245	73429	SPA103576
13123	49307	BFU102576	25185	61369	LPN102155	37246	73430	SPA103579
13124	49308	BFU102581	25186	61370	LPN102178	37247	73431	SPA103596
13125	49309	BFU102583	25187	61371	LPN102188	37248	73432	SPA103608
13126	49310	BFU102584	25188	61372	LPN102191	37249	73433	SPA103626
13127	49311	BFU102587	25189	61373	LPN102197	37250	73434	SPA103628
13128	49312	BFU102589	25190	61374	LPN102202	37251	73435	SPA103631
13129	49313	BFU102591	25191	61375	LPN102205	37252	73436	SPA103636
13130	49314	BFU102595	25192	61376	LPN102216	37253	73437	SPA103638
13131	49315	BFU102597	25193	61377	LPN102221	37254	73438	SPA103652
13132	49316	BFU102598	25194	61378	LPN102226	37255	73439	SPA103653
13133	49317	BFU102599	25195	61379	LPN102227	37256	73440	SPA103654
13134	49318	BFU102600	25196	61380	LPN102231	37257	73441	SPA103660
13135	49319	BFU102611	25197	61381	LPN102235	37258	73442	SPA103662
13136	49320	BFU102617	25198	61382	LPN102252	37259	73443	SPA103678
13137	49321	BFU102622	25199	61383	LPN102261	37260	73444	SPA103688
13138	49322	BFU102625	25200	61384	LPN102267	37261	73445	SPA103696
13139	49323	BFU102626	25201	61385	LPN102268	37262	73446	SPA103699
13140	49324	BFU102630	25202	61386	LPN102283	37263	73447	SPA103705

DNA SeqID	Protein SeqID	Gene LocusID	DNA SeqID	Protein SeqID	Gene LocusID	DNA SeqID	Protein SeqID	Gene LocusID
13141	49325	BFU102631	25203	61387	LPN102284	37264	73448	SPA103706
13142	49326	BFU102634	25204	61388	LPN102297	37265	73449	SPA103719
13143	49327	BFU102636	25205	61389	LPN102310	37266	73450	SPA103721
13144	49328	BFU102640	25206	61390	LPN102317	37267	73451	SPA103730
13145	49329	BFU102642	25207	61391	LPN102321	37268	73452	SPA103732
13146	49330	BFU102649	25208	61392	LPN102324	37269	73453	SPA103735
13147	49331	BFU102654	25209	61393	LPN102332	37270	73454	SPA103746
13148	49332	BFU102660	25210	61394	LPN102343	37271	73455	SPA103747
13149	49333	BFU102661	25211	61395	LPN102350	37272	73456	SPA103748
13150	49334	BFU102678	25212	61396	LPN102353	37273	73457	SPA103752
13151	49335	BFU102694	25213	61397	LPN102354	37274	73458	SPA103753
13152	49336	BFU102699	25214	61398	LPN102366	37275	73459	SPA103757
13153	49337	BFU102702	25215	61399	LPN102372	37276	73460	SPA103767
13154	49338	BFU102708	25216	61400	LPN102387	37277	73461	SPA103770
13155	49339	BFU102709	25217	61401	LPN102390	37278	73462	SPA103771
13156	49340	BFU102711	25218	61402	LPN102392	37279	73463	SPA103776
13157	49341	BFU102712	25219	61403	LPN102404	37280	73464	SPA103777
13158	49342	BFU102714	25220	61404	LPN102408	37281	73465	SPA103792
13159	49343	BFU102715	25221	61405	LPN102412	37282	73466	SPA103810
13160	49344	BFU102716	25222	61406	LPN102414	37283	73467	SPA103812
13161	49345	BFU102717	25223	61407	LPN102418	37284	73468	SPA103813
13162	49346	BFU102720	25224	61408	LPN102433	37285	73469	SPA103838
13163	49347	BFU102721	25225	61409	LPN102439	37286	73470	SPA103847
13164	49348	BFU102731	25226	61410	LPN102440	37287	73471	SPA103848
13165	49349	BFU102739	25227	61411	LPN102441	37288	73472	SPA103850
13166	49350	BFU102740	25228	61412	LPN102451	37289	73473	SPA103851
13167	49351	BFU102747	25229	61413	LPN102459	37290	73474	SPA103852
13168	49352	BFU102753	25230	61414	LPN102471	37291	73475	SPA103853
13169	49353	BFU102756	25231	61415	LPN102475	37292	73476	SPA103863
13170	49354	BFU102771	25232	61416	LPN102481	37293	73477	SPA103864
13171	49355	BFU102806	25233	61417	LPN102482	37294	73478	SPA103867
13172	49356	BFU102808	25234	61418	LPN102483	37295	73479	SPA103879
13173	49357	BFU102831	25235	61419	LPN102484	37296	73480	SPA103880
13174	49358	BFU102835	25236	61420	LPN102488	37297	73481	SPA103881
13175	49359	BFU102841	25237	61421	LPN102500	37298	73482	SPA103882
13176	49360	BFU102845	25238	61422	LPN102504	37299	73483	SPA103885
13177	49361	BFU102860	25239	61423	LPN102505	37300	73484	SPA103890
13178	49362	BFU102868	25240	61424	LPN102506	37301	73485	SPA103892
13179	49363	BFU102894	25241	61425	LPN102510	37302	73486	SPA103893
13180	49364	BFU102896	25242	61426	LPN102511	37303	73487	SPA103897
13181	49365	BFU102903	25243	61427	LPN102520	37304	73488	SPA103907
13182	49366	BFU102908	25244	61428	LPN102528	37305	73489	SPA103909
13183	49367	BFU102916	25245	61429	LPN102533	37306	73490	SPA103912
13184	49368	BFU102918	25246	61430	LPN102537	37307	73491	SPA103913
13185	49369	BFU102922	25247	61431	LPN102542	37308	73492	SPA103914
13186	49370	BFU102927	25248	61432	LPN102543	37309	73493	SPA103916
13187	49371	BFU102931	25249	61433	LPN102544	37310	73494	SPA103925
13188	49372	BFU102984	25250	61434	LPN102554	37311	73495	SPA103927
13189	49373	BFU102990	25251	61435	LPN102556	37312	73496	SPA103931
13190	49374	BFU102993	25252	61436	LPN102566	37313	73497	SPA103932
13191	49375	BFU103000	25253	61437	LPN102575	37314	73498	SPA103939
13192	49376	BFU103004	25254	61438	LPN102579	37315	73499	SPA103940
13193	49377	BFU103011	25255	61439	LPN102581	37316	73500	SPA103946
13194	49378	BFU103016	25256	61440	LPN102583	37317	73501	SPA103949
13195	49379	BFU103019	25257	61441	LPN102588	37318	73502	SPA103953

DNA SeqID	Protein SeqID	Gene LocusID	DNA SeqID	Protein SeqID	Gene LocusID	DNA SeqID	Protein SeqID	Gene LocusID
13196	49380	BFU103022	25258	61442	LPN102590	37319	73503	SPA103964
13197	49381	BFU103037	25259	61443	LPN102596	37320	73504	SPA103965
13198	49382	BFU103057	25260	61444	LPN102597	37321	73505	SPA103978
13199	49383	BFU103077	25261	61445	LPN102605	37322	73506	SPA103998
13200	49384	BFU103121	25262	61446	LPN102612	37323	73507	SPA104004
13201	49385	BFU103132	25263	61447	LPN102617	37324	73508	SPA104023
13202	49386	BFU103134	25264	61448	LPN102619	37325	73509	SPA104025
13203	49387	BFU103146	25265	61449	LPN102640	37326	73510	SPA104027
13204	49388	BFU103150	25266	61450	LPN102643	37327	73511	SPA104029
13205	49389	BFU103152	25267	61451	LPN102648	37328	73512	SPA104031
13206	49390	BFU103157	25268	61452	LPN102651	37329	73513	SPA104033
13207	49391	BFU103167	25269	61453	LPN102659	37330	73514	SPA104034
13208	49392	BFU103168	25270	61454	LPN102662	37331	73515	SPA104038
13209	49393	BFU103170	25271	61455	LPN102663	37332	73516	SPA104044
13210	49394	BFU103174	25272	61456	LPN102667	37333	73517	SPA104049
13211	49395	BFU103175	25273	61457	LPN102672	37334	73518	SPA104052
13212	49396	BFU103182	25274	61458	LPN102694	37335	73519	SPA104056
13213	49397	BFU103183	25275	61459	LPN102698	37336	73520	SPA104062
13214	49398	BFU103184	25276	61460	LPN102745	37337	73521	SPA104075
13215	49399	BFU103189	25277	61461	LPN102746	37338	73522	SPA104078
13216	49400	BFU103203	25278	61462	LPN102747	37339	73523	SPA104080
13217	49401	BFU103213	25279	61463	LPN102764	37340	73524	SPA104129
13218	49402	BFU103218	25280	61464	LPN102776	37341	73525	SPA104151
13219	49403	BFU103220	25281	61465	LPN102781	37342	73526	SPA104168
13220	49404	BFU103222	25282	61466	LPN102788	37343	73527	SPA104183
13221	49405	BFU103224	25283	61467	LPN102792	37344	73528	SPA104184
13222	49406	BFU103226	25284	61468	LPN102814	37345	73529	SPA104187
13223	49407	BFU103241	25285	61469	LPN102830	37346	73530	SPA104198
13224	49408	BFU103244	25286	61470	LPN102841	37347	73531	SPA104199
13225	49409	BFU103245	25287	61471	LPN102846	37348	73532	SPA104210
13226	49410	BFU103253	25288	61472	LPN102850	37349	73533	SPA104215
13227	49411	BFU103281	25289	61473	LPN102855	37350	73534	SPA104230
13228	49412	BFU103301	25290	61474	LPN102857	37351	73535	SPA104232
13229	49413	BFU103302	25291	61475	LPN102872	37352	73536	SPA104234
13230	49414	BFU103304	25292	61476	LPN102878	37353	73537	SPA104236
13231	49415	BFU103306	25293	61477	LPN102879	37354	73538	SPA104265
13232	49416	BFU103313	25294	61478	LPN102893	37355	73539	SPA104286
13233	49417	BFU103320	25295	61479	LPN102896	37356	73540	SPA104299
13234	49418	BFU103333	25296	61480	LPN102898	37357	73541	SPA104301
13235	49419	BFU103343	25297	61481	LPN102911	37358	73542	SPA104302
13236	49420	BFU103359	25298	61482	LPN102913	37359	73543	SPA104303
13237	49421	BFU103363	25299	61483	LPN102926	37360	73544	SPA104305
13238	49422	BFU103366	25300	61484	LPN102929	37361	73545	SPA104307
13239	49423	BFU103369	25301	61485	LPN102930	37362	73546	SPA104309
13240	49424	BFU103371	25302	61486	LPN102938	37363	73547	SPA104310
13241	49425	BFU103387	25303	61487	LPN102947	37364	73548	SPA104311
13242	49426	BFU103391	25304	61488	LPN102949	37365	73549	SPA104312
13243	49427	BFU103395	25305	61489	LPN102953	37366	73550	SPA104313
13244	49428	BFU103399	25306	61490	LPN102962	37367	73551	SPA104314
13245	49429	BFU103402	25307	61491	LPN102964	37368	73552	SPA104315
13246	49430	BFU103403	25308	61492	LPN102982	37369	73553	SPA104316
13247	49431	BFU103412	25309	61493	LPN102983	37370	73554	SPA104317
13248	49432	BFU103415	25310	61494	LPN102990	37371	73555	SPA104318
13249	49433	BFU103416	25311	61495	LPN102993	37372	73556	SPA104319
13250	49434	BFU103417	25312	61496	LPN102997	37373	73557	SPA104320

DNA SeqID	Protein SeqID	Gene LocusID	DNA SeqID	Protein SeqID	Gene LocusID	DNA SeqID	Protein SeqID	Gene LocusID
13251	49435	BFU103430	25313	61497	LPN103001	37374	73558	SPA104321
13252	49436	BFU103431	25314	61498	LPN103004	37375	73559	SPA104323
13253	49437	BFU103444	25315	61499	LPN103006	37376	73560	SPA104324
13254	49438	BFU103452	25316	61500	LPN103008	37377	73561	SPA104326
13255	49439	BFU103468	25317	61501	LPN103014	37378	73562	SPA104328
13256	49440	BFU103471	25318	61502	LPN103035	37379	73563	SPA104330
13257	49441	BFU103478	25319	61503	LPN103037	37380	73564	SPA104331
13258	49442	BFU103486	25320	61504	LPN103064	37381	73565	SPA104332
13259	49443	BFU103489	25321	61505	LPN103077	37382	73566	SPA104333
13260	49444	BFU103492	25322	61506	LPN103085	37383	73567	SPA104334
13261	49445	BFU103494	25323	61507	LPN103089	37384	73568	SPA104335
13262	49446	BFU103498	25324	61508	LPN103093	37385	73569	SPA104338
13263	49447	BFU103501	25325	61509	LPN103102	37386	73570	SPA104345
13264	49448	BFU103508	25326	61510	LPN103112	37387	73571	SPA104347
13265	49449	BFU103511	25327	61511	LPN103118	37388	73572	SPA104349
13266	49450	BFU103516	25328	61512	LPN103124	37389	73573	SPA104351
13267	49451	BFU103519	25329	61513	LPN103126	37390	73574	SPA104355
13268	49452	BFU103521	25330	61514	LPN103127	37391	73575	SPA104362
13269	49453	BFU103522	25331	61515	LPN103135	37392	73576	SPA104369
13270	49454	BFU103523	25332	61516	LPN103143	37393	73577	SPA104405
13271	49455	BFU103526	25333	61517	LPN103150	37394	73578	SPA104494
13272	49456	BFU103528	25334	61518	LPN103151	37395	73579	SPA104517
13273	49457	BFU103535	25335	61519	LPN103152	37396	73580	SPA104676
13274	49458	BFU103546	25336	61520	LPN103162	37397	73581	SPA104864
13275	49459	BFU103555	25337	61521	LPN103164	37398	73582	SPA104959
13276	49460	BFU103576	25338	61522	LPN103173	37399	73583	SPA105037
13277	49461	BFU103577	25339	61523	LPN103175	37400	73584	SPA105071
13278	49462	BFU103585	25340	61524	LPN103186	37401	73585	SPA105152
13279	49463	BFU103586	25341	61525	LPN103187	37402	73586	SPA105251
13280	49464	BFU103591	25342	61526	LPN103194	37403	73587	SPA105253
13281	49465	BFU103598	25343	61527	LPN103200	37404	73588	SPA105363
13282	49466	BFU103600	25344	61528	LPN103215	37405	73589	SPA105501
13283	49467	BFU103608	25345	61529	LPN103222	37406	73590	SPA105536
13284	49468	BFU103630	25346	61530	LPN103227	37407	73591	SPA105546
13285	49469	BFU103667	25347	61531	LPN103244	37408	73592	SPA105667
13286	49470	BFU103699	25348	61532	LPN103251	37409	73593	SPA106013
13287	49471	BFU103716	25349	61533	LPN103257	37410	73594	SPA106070
13288	49472	BFU103784	25350	61534	LPN103264	37411	73595	SPA106081
13289	49473	BFU103812	25351	61535	LPN103276	37412	73596	SPA106169
13290	49474	BFU103848	25352	61536	LPN103285	37413	73597	SPA106189
13291	49475	BFU103878	25353	61537	LPN103288	37414	73598	SPA106196
13292	49476	BFU103895	25354	61538	LPN103299	37415	73599	SPA106234
13293	49477	BFU103897	25355	61539	LPN103302	37416	73600	SPA106249
13294	49478	BFU103900	25356	61540	LPN103304	37417	73601	SPA106331
13295	49479	BFU103929	25357	61541	LPN103319	37418	73602	SPA106334
13296	49480	BFU103969	25358	61542	LPN103326	37419	73603	SPA106377
13297	49481	BFU104019	25359	61543	LPN103327	37420	73604	SPA106438
13298	49482	BFU104042	25360	61544	LPN103343	37421	73605	SPA106506
13299	49483	BFU104105	25361	61545	LPN103344	37422	73606	SPA106546
13300	49484	BFU104113	25362	61546	LPN103347	37423	73607	SPA106549
13301	49485	BFU104126	25363	61547	LPN103351	37424	73608	SPA106733
13302	49486	BFU104191	25364	61548	LPN103355	37425	73609	SPA106841
13303	49487	BFU104253	25365	61549	LPN103357	37426	73610	SPA106865
13304	49488	BFU104257	25366	61550	LPN103370	37427	73611	SPA106948
13305	49489	BFU104263	25367	61551	LPN103373	37428	73612	SPA107052

DNA SeqID	Protein SeqID	Gene LocusID	DNA SeqID	Protein SeqID	Gene LocusID	DNA SeqID	Protein SeqID	Gene LocusID
13306	49490	BFU104281	25368	61552	LPN103376	37429	73613	SPA107090
13307	49491	BFU104282	25369	61553	LPN103383	37430	73614	SPA107137
13308	49492	BFU104286	25370	61554	LPN103390	37431	73615	SPA107646
13309	49493	BFU104304	25371	61555	LPN103391	37432	73616	SPA107834
13310	49494	BFU104326	25372	61556	LPN103397	37433	73617	SPA107849
13311	49495	BFU104367	25373	61557	LPN103398	37434	73618	SPA108738
13312	49496	BFU104372	25374	61558	LPN103411	37435	73619	SPA108751
13313	49497	BFU104375	25375	61559	LPN103417	37436	73620	SPA108753
13314	49498	BFU104396	25376	61560	LPN103418	37437	73621	SPA109612
13315	49499	BFU104436	25377	61561	LPN103427	37438	73622	SPA109618
13316	49500	BFU104448	25378	61562	LPN103433	37439	73623	SPA109709
13317	49501	BFU104450	25379	61563	LPN103438	37440	73624	SPA109961
13318	49502	BFU104508	25380	61564	LPN103463	37441	73625	SPA109962
13319	49503	BFU104512	25381	61565	LPN103478	37442	73626	SPN102057
13320	49504	BFU104514	25382	61566	LPN103483	37443	73627	SPN102327
13321	49505	BFU104521	25383	61567	LPN103487	37444	73628	SPN102747
13322	49506	BFU104726	25384	61568	LPN103488	37445	73629	SPN102801
13323	49507	BFU104727	25385	61569	LPN103492	37446	73630	SPN102832
13324	49508	BFU104735	25386	61570	LPN103500	37447	73631	SPN102932
13325	49509	BFU104746	25387	61571	LPN103510	37448	73632	SPN103406
13326	49510	BFU104800	25388	61572	LPN103520	37449	73633	SPN103482
13327	49511	BFU104827	25389	61573	LPN103526	37450	73634	SPN103543
13328	49512	BFU104873	25390	61574	LPN103528	37451	73635	SPN103672
13329	49513	BFU104892	25391	61575	LPN103537	37452	73636	SPN200328
13330	49514	BFU104903	25392	61576	LPN103539	37453	73637	SPN200349
13331	49515	BFU104929	25393	61577	LPN103541	37454	73638	SPN200508
13332	49516	BFU104942	25394	61578	LPN103544	37455	73639	SPN200521
13333	49517	BFU104983	25395	61579	LPN103564	37456	73640	SPN200817
13334	49518	BFU105028	25396	61580	LPN103565	37457	73641	SPN200887
13335	49519	BFU105039	25397	61581	LPN103574	37458	73642	SPN201072
13336	49520	BFU105060	25398	61582	LPN103576	37459	73643	SPN201097
13337	49521	BFU105062	25399	61583	LPN103586	37460	73644	SPN201140
13338	49522	BFU105066	25400	61584	LPN103589	37461	73645	SPN201158
13339	49523	BFU105067	25401	61585	LPN103596	37462	73646	SPN201210
13340	49524	BFU105069	25402	61586	LPN103600	37463	73647	SPN201737
13341	49525	BFU105081	25403	61587	LPN103608	37464	73648	SPN201794
13342	49526	BFU105096	25404	61588	LPN103612	37465	73649	SPN201925
13343	49527	BFU105165	25405	61589	LPN103614	37466	73650	SPN201930
13344	49528	BFU105204	25406	61590	LPN103620	37467	73651	SPN201991
13345	49529	BFU105208	25407	61591	LPN103622	37468	73652	SPN202499
13346	49530	BFU105217	25408	61592	LPN103633	37469	73653	SPN202849
13347	49531	BFU105225	25409	61593	LPN103638	37470	73654	SPN202910
13348	49532	BFU105240	25410	61594	LPN103648	37471	73655	SPN202986
13349	49533	BFU105257	25411	61595	LPN103657	37472	73656	SPN203024
13350	49534	BFU105259	25412	61596	LPN103658	37473	73657	SPN203453
13351	49535	BFU105262	25413	61597	LPN103660	37474	73658	SPN203740
13352	49536	BFU105280	25414	61598	MAV100005	37475	73659	SPN203747
13353	49537	BFU105302	25415	61599	MAV100054	37476	73660	SPN300070
13354	49538	BFU105306	25416	61600	MAV100073	37477	73661	SPN300327
13355	49539	BFU105309	25417	61601	MAV100075	37478	73662	SPN300328
13356	49540	BFU105313	25418	61602	MAV100077	37479	73663	SPN300330
13357	49541	BFU105347	25419	61603	MAV100094	37480	73664	SPN300331
13358	49542	BFU105355	25420	61604	MAV100149	37481	73665	SPN300337
13359	49543	BFU105460	25421	61605	MAV100155	37482	73666	SPN300338
13360	49544	BFU105494	25422	61606	MAV100179	37483	73667	SPN300340

DNA SeqID	Protein SeqID	Gene LocusID	DNA SeqID	Protein SeqID	Gene LocusID	DNA SeqID	Protein SeqID	Gene LocusID
13361	49545	BFU105496	25423	61607	MAV100199	37484	73668	SPN300353
13362	49546	BFU105499	25424	61608	MAV100201	37485	73669	SPN300435
13363	49547	BFU105505	25425	61609	MAV100203	37486	73670	SPN300598
13364	49548	BFU105518	25426	61610	MAV100227	37487	73671	SPN300686
13365	49549	BFU105525	25427	61611	MAV100233	37488	73672	SPN300759
13366	49550	BFU105556	25428	61612	MAV100235	37489	73673	SPN300982
13367	49551	BFU105569	25429	61613	MAV100245	37490	73674	SPN301332
13368	49552	BFU105613	25430	61614	MAV100250	37491	73675	SPN301641
13369	49553	BFU105637	25431	61615	MAV100251	37492	73676	SPN301643
13370	49554	BFU105642	25432	61616	MAV100271	37493	73677	SPN301644
13371	49555	BFU105710	25433	61617	MAV100272	37494	73678	SPN301653
13372	49556	BFU105730	25434	61618	MAV100285	37495	73679	SPN301765
13373	49557	BFU105731	25435	61619	MAV100286	37496	73680	SPN302037
13374	49558	BFU105739	25436	61620	MAV100298	37497	73681	SPN400001
13375	49559	BFU105740	25437	61621	MAV100299	37498	73682	SPN400002
13376	49560	BFU105758	25438	61622	MAV100300	37499	73683	SPN400003
13377	49561	BFU105764	25439	61623	MAV100301	37500	73684	SPN400004
13378	49562	BFU105781	25440	61624	MAV100309	37501	73685	SPN400006
13379	49563	BFU105807	25441	61625	MAV100316	37502	73686	SPN400007
13380	49564	BFU105826	25442	61626	MAV100323	37503	73687	SPN400010
13381	49565	BFU105837	25443	61627	MAV100337	37504	73688	SPN400012
13382	49566	BFU105853	25444	61628	MAV100342	37505	73689	SPN400021
13383	49567	BFU105903	25445	61629	MAV100344	37506	73690	SPN400025
13384	49568	BFU105906	25446	61630	MAV100345	37507	73691	SPN400028
13385	49569	BFU105918	25447	61631	MAV100351	37508	73692	SPN400032
13386	49570	BFU105920	25448	61632	MAV100375	37509	73693	SPN400035
13387	49571	BFU105922	25449	61633	MAV100389	37510	73694	SPN400038
13388	49572	BFU105924	25450	61634	MAV100393	37511	73695	SPN400046
13389	49573	BFU105977	25451	61635	MAV100400	37512	73696	SPN400056
13390	49574	BFU106002	25452	61636	MAV100412	37513	73697	SPN400066
13391	49575	BFU106008	25453	61637	MAV100423	37514	73698	SPN400078
13392	49576	BFU106132	25454	61638	MAV100438	37515	73699	SPN400084
13393	49577	BFU106133	25455	61639	MAV100466	37516	73700	SPN400092
13394	49578	BFU106135	25456	61640	MAV100482	37517	73701	SPN400103
13395	49579	BFU106225	25457	61641	MAV100488	37518	73702	SPN400121
13396	49580	BFU106232	25458	61642	MAV100499	37519	73703	SPN400122
13397	49581	BFU106253	25459	61643	MAV100507	37520	73704	SPN400124
13398	49582	BFU106257	25460	61644	MAV100512	37521	73705	SPN400125
13399	49583	BFU106271	25461	61645	MAV100541	37522	73706	SPN400131
13400	49584	BFU106323	25462	61646	MAV100546	37523	73707	SPN400136
13401	49585	BFU106334	25463	61647	MAV100547	37524	73708	SPN400147
13402	49586	BFU106339	25464	61648	MAV100553	37525	73709	SPN400150
13403	49587	BFU106340	25465	61649	MAV100554	37526	73710	SPN400156
13404	49588	BFU106341	25466	61650	MAV100556	37527	73711	SPN400157
13405	49589	BFU106342	25467	61651	MAV100557	37528	73712	SPN400160
13406	49590	BFU106344	25468	61652	MAV100559	37529	73713	SPN400161
13407	49591	BFU106345	25469	61653	MAV100561	37530	73714	SPN400162
13408	49592	BFU106360	25470	61654	MAV100562	37531	73715	SPN400163
13409	49593	BFU106362	25471	61655	MAV100574	37532	73716	SPN400164
13410	49594	BFU106371	25472	61656	MAV100591	37533	73717	SPN400171
13411	49595	BFU106386	25473	61657	MAV100593	37534	73718	SPN400175
13412	49596	BFU106431	25474	61658	MAV100595	37535	73719	SPN400176
13413	49597	BFU106432	25475	61659	MAV100637	37536	73720	SPN400177
13414	49598	BFU106433	25476	61660	MAV100658	37537	73721	SPN400185
13415	49599	BFU106470	25477	61661	MAV100663	37538	73722	SPN400187

DNA SeqID	Protein SeqID	Gene LocusID	DNA SeqID	Protein SeqID	Gene LocusID	DNA SeqID	Protein SeqID	Gene LocusID
13416	49600	BFU106477	25478	61662	MAV100667	37539	73723	SPN400188
13417	49601	BFU106480	25479	61663	MAV100685	37540	73724	SPN400189
13418	49602	BFU106483	25480	61664	MAV100728	37541	73725	SPN400190
13419	49603	BFU106485	25481	61665	MAV100734	37542	73726	SPN400191
13420	49604	BFU106488	25482	61666	MAV100736	37543	73727	SPN400192
13421	49605	BFU106495	25483	61667	MAV100739	37544	73728	SPN400194
13422	49606	BFU106497	25484	61668	MAV100743	37545	73729	SPN400195
13423	49607	BFU106498	25485	61669	MAV100747	37546	73730	SPN400196
13424	49608	BFU106533	25486	61670	MAV100750	37547	73731	SPN400197
13425	49609	BFU106544	25487	61671	MAV100755	37548	73732	SPN400198
13426	49610	BFU106568	25488	61672	MAV100756	37549	73733	SPN400199
13427	49611	BFU106609	25489	61673	MAV100776	37550	73734	SPN400200
13428	49612	BFU106700	25490	61674	MAV100777	37551	73735	SPN400201
13429	49613	BFU106774	25491	61675	MAV100786	37552	73736	SPN400202
13430	49614	BFU106797	25492	61676	MAV100794	37553	73737	SPN400203
13431	49615	BFU106833	25493	61677	MAV100804	37554	73738	SPN400204
13432	49616	BFU106841	25494	61678	MAV100805	37555	73739	SPN400205
13433	49617	BFU106847	25495	61679	MAV100810	37556	73740	SPN400206
13434	49618	BFU106856	25496	61680	MAV100811	37557	73741	SPN400207
13435	49619	BFU106862	25497	61681	MAV100813	37558	73742	SPN400208
13436	49620	BFU106864	25498	61682	MAV100814	37559	73743	SPN400209
13437	49621	BFU106872	25499	61683	MAV100819	37560	73744	SPN400210
13438	49622	BFU106887	25500	61684	MAV100820	37561	73745	SPN400211
13439	49623	BFU106892	25501	61685	MAV100821	37562	73746	SPN400212
13440	49624	BFU106893	25502	61686	MAV100826	37563	73747	SPN400213
13441	49625	BFU106894	25503	61687	MAV100828	37564	73748	SPN400214
13442	49626	BFU106928	25504	61688	MAV100851	37565	73749	SPN400215
13443	49627	BFU106944	25505	61689	MAV100904	37566	73750	SPN400216
13444	49628	BFU106978	25506	61690	MAV100910	37567	73751	SPN400219
13445	49629	BFU107002	25507	61691	MAV100914	37568	73752	SPN400228
13446	49630	BFU107007	25508	61692	MAV100919	37569	73753	SPN400232
13447	49631	BFU107038	25509	61693	MAV100921	37570	73754	SPN400233
13448	49632	BFU107045	25510	61694	MAV100931	37571	73755	SPN400235
13449	49633	BFU107049	25511	61695	MAV100968	37572	73756	SPN400237
13450	49634	BFU107062	25512	61696	MAV100979	37573	73757	SPN400240
13451	49635	BFU107090	25513	61697	MAV100988	37574	73758	SPN400241
13452	49636	BFU107135	25514	61698	MAV101006	37575	73759	SPN400243
13453	49637	BFU107151	25515	61699	MAV101008	37576	73760	SPN400244
13454	49638	BFU107173	25516	61700	MAV101010	37577	73761	SPN400245
13455	49639	BFU107253	25517	61701	MAV101012	37578	73762	SPN400248
13456	49640	BFU107308	25518	61702	MAV101014	37579	73763	SPN400249
13457	49641	BFU107313	25519	61703	MAV101015	37580	73764	SPN400250
13458	49642	BFU107317	25520	61704	MAV101032	37581	73765	SPN400251
13459	49643	BFU107323	25521	61705	MAV101053	37582	73766	SPN400255
13460	49644	BFU107325	25522	61706	MAV101054	37583	73767	SPN400256
13461	49645	BFU107327	25523	61707	MAV101064	37584	73768	SPN400261
13462	49646	BFU107336	25524	61708	MAV101088	37585	73769	SPN400262
13463	49647	BFU107381	25525	61709	MAV101105	37586	73770	SPN400263
13464	49648	BFU107405	25526	61710	MAV101116	37587	73771	SPN400266
13465	49649	BFU107408	25527	61711	MAV101169	37588	73772	SPN400269
13466	49650	BFU107418	25528	61712	MAV101174	37589	73773	SPN400271
13467	49651	BFU107523	25529	61713	MAV101179	37590	73774	SPN400272
13468	49652	BFU107593	25530	61714	MAV101180	37591	73775	SPN400276
13469	49653	BFU107623	25531	61715	MAV101181	37592	73776	SPN400287
13470	49654	BFU107633	25532	61716	MAV101182	37593	73777	SPN400290

DNA SeqID	Protein SeqID	Gene LocusID	DNA SeqID	Protein SeqID	Gene LocusID	DNA SeqID	Protein SeqID	Gene LocusID
13471	49655	BFU107645	25533	61717	MAV101194	37594	73778	SPN400302
13472	49656	BFU107652	25534	61718	MAV101212	37595	73779	SPN400303
13473	49657	BFU107730	25535	61719	MAV101215	37596	73780	SPN400304
13474	49658	BFU107731	25536	61720	MAV101236	37597	73781	SPN400305
13475	49659	BFU107758	25537	61721	MAV101246	37598	73782	SPN400307
13476	49660	BFU107782	25538	61722	MAV101249	37599	73783	SPN400310
13477	49661	BFU107803	25539	61723	MAV101273	37600	73784	SPN400318
13478	49662	BFU107810	25540	61724	MAV101275	37601	73785	SPN400319
13479	49663	BFU107829	25541	61725	MAV101285	37602	73786	SPN400329
13480	49664	BFU107834	25542	61726	MAV101305	37603	73787	SPN400332
13481	49665	BFU107845	25543	61727	MAV101336	37604	73788	SPN400335
13482	49666	BFU107853	25544	61728	MAV101346	37605	73789	SPN400339
13483	49667	BFU107885	25545	61729	MAV101349	37606	73790	SPN400340
13484	49668	BFU107897	25546	61730	MAV101361	37607	73791	SPN400341
13485	49669	BFU107929	25547	61731	MAV101369	37608	73792	SPN400343
13486	49670	BFU107935	25548	61732	MAV101379	37609	73793	SPN400352
13487	49671	BFU107936	25549	61733	MAV101383	37610	73794	SPN400358
13488	49672	BFU107948	25550	61734	MAV101386	37611	73795	SPN400359
13489	49673	BFU107954	25551	61735	MAV101405	37612	73796	SPN400363
13490	49674	BFU107966	25552	61736	MAV101408	37613	73797	SPN400364
13491	49675	BFU107996	25553	61737	MAV101410	37614	73798	SPN400368
13492	49676	BFU107999	25554	61738	MAV101412	37615	73799	SPN400372
13493	49677	BFU108040	25555	61739	MAV101415	37616	73800	SPN400374
13494	49678	BFU108046	25556	61740	MAV101420	37617	73801	SPN400375
13495	49679	BFU108056	25557	61741	MAV101428	37618	73802	SPN400377
13496	49680	BFU108081	25558	61742	MAV101429	37619	73803	SPN400378
13497	49681	BFU108097	25559	61743	MAV101430	37620	73804	SPN400379
13498	49682	BFU108125	25560	61744	MAV101431	37621	73805	SPN400380
13499	49683	BFU108127	25561	61745	MAV101439	37622	73806	SPN400381
13500	49684	BFU108139	25562	61746	MAV101441	37623	73807	SPN400382
13501	49685	BFU108190	25563	61747	MAV101449	37624	73808	SPN400383
13502	49686	BFU108232	25564	61748	MAV101468	37625	73809	SPN400384
13503	49687	BFU108244	25565	61749	MAV101477	37626	73810	SPN400385
13504	49688	BFU108289	25566	61750	MAV101484	37627	73811	SPN400386
13505	49689	BFU108292	25567	61751	MAV101485	37628	73812	SPN400387
13506	49690	BFU108338	25568	61752	MAV101486	37629	73813	SPN400390
13507	49691	BFU108387	25569	61753	MAV101497	37630	73814	SPN400393
13508	49692	BFU108542	25570	61754	MAV101501	37631	73815	SPN400394
13509	49693	BFU108548	25571	61755	MAV101544	37632	73816	SPN400395
13510	49694	BFU108641	25572	61756	MAV101547	37633	73817	SPN400396
13511	49695	BFU108643	25573	61757	MAV101548	37634	73818	SPN400398
13512	49696	BFU108644	25574	61758	MAV101549	37635	73819	SPN400401
13513	49697	BFU108657	25575	61759	MAV101550	37636	73820	SPN400402
13514	49698	BFU108672	25576	61760	MAV101552	37637	73821	SPN400403
13515	49699	BFU108696	25577	61761	MAV101559	37638	73822	SPN400409
13516	49700	BFU108703	25578	61762	MAV101560	37639	73823	SPN400426
13517	49701	BFU108704	25579	61763	MAV101562	37640	73824	SPN400427
13518	49702	BFU108711	25580	61764	MAV101591	37641	73825	SPN400428
13519	49703	BFU108726	25581	61765	MAV101610	37642	73826	SPN400432
13520	49704	BFU108758	25582	61766	MAV101627	37643	73827	SPN400434
13521	49705	BFU108762	25583	61767	MAV101637	37644	73828	SPN400438
13522	49706	BFU108766	25584	61768	MAV101641	37645	73829	SPN400439
13523	49707	BFU108796	25585	61769	MAV101648	37646	73830	SPN400441
13524	49708	BFU108797	25586	61770	MAV101663	37647	73831	SPN400444
13525	49709	BFU108805	25587	61771	MAV101692	37648	73832	SPN400445

DNA SeqID	Protein SeqID	Gene LocusID	DNA SeqID	Protein SeqID	Gene LocusID	DNA SeqID	Protein SeqID	Gene LocusID
13526	49710	BFU108808	25588	61772	MAV101693	37649	73833	SPN400446
13527	49711	BFU108906	25589	61773	MAV101708	37650	73834	SPN400448
13528	49712	BFU108912	25590	61774	MAV101730	37651	73835	SPN400455
13529	49713	BFU108924	25591	61775	MAV101732	37652	73836	SPN400475
13530	49714	BFU108950	25592	61776	MAV101737	37653	73837	SPN400478
13531	49715	BFU108951	25593	61777	MAV101739	37654	73838	SPN400481
13532	49716	BFU108967	25594	61778	MAV101742	37655	73839	SPN400492
13533	49717	BFU109099	25595	61779	MAV101753	37656	73840	SPN400494
13534	49718	BFU109113	25596	61780	MAV101757	37657	73841	SPN400495
13535	49719	BFU109134	25597	61781	MAV101764	37658	73842	SPN400496
13536	49720	BFU109166	25598	61782	MAV101768	37659	73843	SPN400505
13537	49721	BFU109172	25599	61783	MAV101769	37660	73844	SPN400507
13538	49722	BFU109218	25600	61784	MAV101780	37661	73845	SPN400508
13539	49723	BFU109219	25601	61785	MAV101782	37662	73846	SPN400509
13540	49724	BFU109224	25602	61786	MAV101794	37663	73847	SPN400515
13541	49725	BFU109252	25603	61787	MAV101812	37664	73848	SPN400516
13542	49726	BFU109256	25604	61788	MAV101815	37665	73849	SPN400517
13543	49727	BFU109266	25605	61789	MAV101838	37666	73850	SPN400519
13544	49728	BFU109270	25606	61790	MAV101842	37667	73851	SPN400521
13545	49729	BFU109289	25607	61791	MAV101844	37668	73852	SPN400530
13546	49730	BFU109291	25608	61792	MAV101851	37669	73853	SPN400537
13547	49731	BFU109309	25609	61793	MAV101852	37670	73854	SPN400538
13548	49732	BFU109335	25610	61794	MAV101853	37671	73855	SPN400540
13549	49733	BFU109350	25611	61795	MAV101872	37672	73856	SPN400547
13550	49734	BFU109391	25612	61796	MAV101886	37673	73857	SPN400552
13551	49735	BFU109396	25613	61797	MAV101894	37674	73858	SPN400555
13552	49736	BFU109408	25614	61798	MAV101907	37675	73859	SPN400556
13553	49737	BFU109424	25615	61799	MAV101929	37676	73860	SPN400573
13554	49738	BFU109426	25616	61800	MAV101952	37677	73861	SPN400581
13555	49739	BFU109440	25617	61801	MAV101957	37678	73862	SPN400585
13556	49740	BFU109459	25618	61802	MAV101962	37679	73863	SPN400595
13557	49741	BFU109580	25619	61803	MAV101963	37680	73864	SPN400598
13558	49742	BFU109581	25620	61804	MAV102006	37681	73865	SPN400603
13559	49743	BFU109591	25621	61805	MAV102015	37682	73866	SPN400604
13560	49744	BFU109627	25622	61806	MAV102017	37683	73867	SPN400605
13561	49745	BFU109648	25623	61807	MAV102019	37684	73868	SPN400608
13562	49746	BFU109681	25624	61808	MAV102021	37685	73869	SPN400614
13563	49747	BFU109684	25625	61809	MAV102035	37686	73870	SPN400626
13564	49748	BFU109685	25626	61810	MAV102046	37687	73871	SPN400627
13565	49749	BFU109691	25627	61811	MAV102050	37688	73872	SPN400629
13566	49750	BFU109692	25628	61812	MAV102052	37689	73873	SPN400630
13567	49751	BFU109703	25629	61813	MAV102060	37690	73874	SPN400634
13568	49752	BFU109734	25630	61814	MAV102065	37691	73875	SPN400641
13569	49753	BFU109736	25631	61815	MAV102067	37692	73876	SPN400642
13570	49754	BFU109787	25632	61816	MAV102069	37693	73877	SPN400647
13571	49755	BFU109796	25633	61817	MAV102070	37694	73878	SPN400649
13572	49756	BFU109800	25634	61818	MAV102071	37695	73879	SPN400651
13573	49757	BFU109807	25635	61819	MAV102072	37696	73880	SPN400655
13574	49758	BFU109811	25636	61820	MAV102073	37697	73881	SPN400661
13575	49759	BFU109876	25637	61821	MAV102075	37698	73882	SPN400665
13576	49760	BFU109953	25638	61822	MAV102077	37699	73883	SPN400670
13577	49761	BFU110006	25639	61823	MAV102079	37700	73884	SPN400671
13578	49762	BFU110023	25640	61824	MAV102080	37701	73885	SPN400675
13579	49763	BFU110052	25641	61825	MAV102081	37702	73886	SPN400676
13580	49764	BFU110089	25642	61826	MAV102083	37703	73887	SPN400682

DNA SeqID	Protein SeqID	Gene LocusID	DNA SeqID	Protein SeqID	Gene LocusID	DNA SeqID	Protein SeqID	Gene LocusID
13581	49765	BFU110234	25643	61827	MAV102085	37704	73888	SPN400683
13582	49766	BFU110328	25644	61828	MAV102086	37705	73889	SPN400686
13583	49767	BFU110329	25645	61829	MAV102087	37706	73890	SPN400687
13584	49768	BFU110332	25646	61830	MAV102088	37707	73891	SPN400692
13585	49769	BFU110334	25647	61831	MAV102089	37708	73892	SPN400693
13586	49770	BFU110339	25648	61832	MAV102090	37709	73893	SPN400696
13587	49771	BFU110385	25649	61833	MAV102091	37710	73894	SPN400706
13588	49772	BFU110403	25650	61834	MAV102092	37711	73895	SPN400715
13589	49773	BFU110407	25651	61835	MAV102093	37712	73896	SPN400728
13590	49774	BFU110433	25652	61836	MAV102095	37713	73897	SPN400740
13591	49775	BFU110441	25653	61837	MAV102104	37714	73898	SPN400743
13592	49776	BFU110445	25654	61838	MAV102109	37715	73899	SPN400745
13593	49777	BFU110451	25655	61839	MAV102113	37716	73900	SPN400754
13594	49778	BFU110458	25656	61840	MAV102122	37717	73901	SPN400755
13595	49779	BFU110503	25657	61841	MAV102128	37718	73902	SPN400756
13596	49780	BFU110636	25658	61842	MAV102129	37719	73903	SPN400757
13597	49781	BFU110652	25659	61843	MAV102134	37720	73904	SPN400758
13598	49782	BFU110691	25660	61844	MAV102135	37721	73905	SPN400764
13599	49783	BFU110700	25661	61845	MAV102138	37722	73906	SPN400769
13600	49784	BFU110729	25662	61846	MAV102142	37723	73907	SPN400771
13601	49785	BFU110742	25663	61847	MAV102145	37724	73908	SPN400774
13602	49786	BFU110799	25664	61848	MAV102148	37725	73909	SPN400779
13603	49787	BFU110855	25665	61849	MAV102154	37726	73910	SPN400780
13604	49788	BFU110875	25666	61850	MAV102169	37727	73911	SPN400781
13605	49789	BFU110885	25667	61851	MAV102216	37728	73912	SPN400790
13606	49790	BFU110913	25668	61852	MAV102258	37729	73913	SPN400795
13607	49791	BFU110929	25669	61853	MAV102270	37730	73914	SPN400796
13608	49792	BFU110931	25670	61854	MAV102272	37731	73915	SPN400797
13609	49793	BFU110972	25671	61855	MAV102273	37732	73916	SPN400808
13610	49794	BFU110988	25672	61856	MAV102283	37733	73917	SPN400828
13611	49795	BFU110989	25673	61857	MAV102284	37734	73918	SPN400833
13612	49796	BFU111004	25674	61858	MAV102295	37735	73919	SPN400835
13613	49797	BFU111005	25675	61859	MAV102304	37736	73920	SPN400836
13614	49798	BFU111015	25676	61860	MAV102307	37737	73921	SPN400838
13615	49799	BFU111016	25677	61861	MAV102308	37738	73922	SPN400844
13616	49800	BFU111075	25678	61862	MAV102318	37739	73923	SPN400845
13617	49801	BFU111080	25679	61863	MAV102320	37740	73924	SPN400846
13618	49802	BFU111093	25680	61864	MAV102333	37741	73925	SPN400854
13619	49803	BFU111110	25681	61865	MAV102335	37742	73926	SPN400861
13620	49804	BFU111116	25682	61866	MAV102343	37743	73927	SPN400862
13621	49805	BFU111125	25683	61867	MAV102347	37744	73928	SPN400863
13622	49806	BFU111140	25684	61868	MAV102348	37745	73929	SPN400864
13623	49807	BFU111162	25685	61869	MAV102370	37746	73930	SPN400868
13624	49808	BFU111198	25686	61870	MAV102387	37747	73931	SPN400870
13625	49809	BFU111209	25687	61871	MAV102403	37748	73932	SPN400871
13626	49810	BFU111283	25688	61872	MAV102424	37749	73933	SPN400872
13627	49811	BFU111328	25689	61873	MAV102451	37750	73934	SPN400875
13628	49812	BFU111330	25690	61874	MAV102514	37751	73935	SPN400879
13629	49813	BFU111349	25691	61875	MAV102515	37752	73936	SPN400885
13630	49814	BFU111408	25692	61876	MAV102532	37753	73937	SPN400891
13631	49815	BFU111409	25693	61877	MAV102533	37754	73938	SPN400894
13632	49816	BFU111464	25694	61878	MAV102537	37755	73939	SPN400897
13633	49817	BFU111465	25695	61879	MAV102599	37756	73940	SPN400905
13634	49818	BFU111473	25696	61880	MAV102617	37757	73941	SPN400913
13635	49819	BFU111580	25697	61881	MAV102620	37758	73942	SPN400918

DNA SeqID	Protein SeqID	Gene LocusID	DNA SeqID	Protein SeqID	Gene LocusID	DNA SeqID	Protein SeqID	Gene LocusID
13636	49820	BFU111584	25698	61882	MAV102627	37759	73943	SPN400920
13637	49821	BFU111646	25699	61883	MAV102680	37760	73944	SPN400922
13638	49822	BFU111670	25700	61884	MAV102690	37761	73945	SPN400924
13639	49823	BFU111678	25701	61885	MAV102693	37762	73946	SPN400925
13640	49824	BFU111683	25702	61886	MAV102705	37763	73947	SPN400928
13641	49825	BFU111711	25703	61887	MAV102717	37764	73948	SPN400935
13642	49826	BFU111719	25704	61888	MAV102722	37765	73949	SPN400938
13643	49827	BFU111724	25705	61889	MAV102723	37766	73950	SPN400943
13644	49828	BFU111756	25706	61890	MAV102725	37767	73951	SPN400947
13645	49829	BFU111760	25707	61891	MAV102729	37768	73952	SPN400948
13646	49830	BFU111761	25708	61892	MAV102732	37769	73953	SPN400966
13647	49831	BFU111768	25709	61893	MAV102743	37770	73954	SPN400973
13648	49832	BFU111824	25710	61894	MAV102744	37771	73955	SPN400978
13649	49833	BFU111851	25711	61895	MAV102745	37772	73956	SPN400979
13650	49834	BFU111857	25712	61896	MAV102747	37773	73957	SPN400982
13651	49835	BFU111886	25713	61897	MAV102768	37774	73958	SPN400984
13652	49836	BFU111916	25714	61898	MAV102772	37775	73959	SPN400989
13653	49837	BFU111994	25715	61899	MAV102775	37776	73960	SPN400995
13654	49838	BFU112017	25716	61900	MAV102776	37777	73961	SPN400996
13655	49839	BFU112047	25717	61901	MAV102797	37778	73962	SPN401004
13656	49840	BFU112051	25718	61902	MAV102809	37779	73963	SPN401005
13657	49841	BFU112086	25719	61903	MAV102810	37780	73964	SPN401006
13658	49842	BFU112174	25720	61904	MAV102823	37781	73965	SPN401007
13659	49843	BFU112189	25721	61905	MAV102826	37782	73966	SPN401010
13660	49844	BFU112278	25722	61906	MAV102832	37783	73967	SPN401012
13661	49845	BFU112290	25723	61907	MAV102852	37784	73968	SPN401013
13662	49846	BFU112337	25724	61908	MAV102855	37785	73969	SPN401014
13663	49847	BFU112376	25725	61909	MAV102866	37786	73970	SPN401017
13664	49848	BFU112434	25726	61910	MAV102882	37787	73971	SPN401020
13665	49849	BFU112442	25727	61911	MAV102886	37788	73972	SPN401021
13666	49850	BFU112499	25728	61912	MAV102887	37789	73973	SPN401024
13667	49851	BFU112516	25729	61913	MAV102888	37790	73974	SPN401028
13668	49852	BFU112530	25730	61914	MAV102894	37791	73975	SPN401036
13669	49853	BFU112557	25731	61915	MAV102898	37792	73976	SPN401039
13670	49854	BFU112565	25732	61916	MAV102901	37793	73977	SPN401040
13671	49855	BFU112629	25733	61917	MAV102913	37794	73978	SPN401042
13672	49856	BFU112633	25734	61918	MAV102918	37795	73979	SPN401043
13673	49857	BFU112636	25735	61919	MAV102930	37796	73980	SPN401044
13674	49858	BFU112683	25736	61920	MAV102932	37797	73981	SPN401045
13675	49859	BFU112706	25737	61921	MAV102933	37798	73982	SPN401046
13676	49860	BFU112738	25738	61922	MAV102937	37799	73983	SPN401048
13677	49861	BFU112783	25739	61923	MAV102938	37800	73984	SPN401049
13678	49862	BFU112796	25740	61924	MAV102941	37801	73985	SPN401050
13679	49863	BFU112825	25741	61925	MAV102942	37802	73986	SPN401051
13680	49864	BFU112826	25742	61926	MAV102943	37803	73987	SPN401053
13681	49865	BFU112884	25743	61927	MAV102944	37804	73988	SPN401062
13682	49866	BFU112885	25744	61928	MAV102951	37805	73989	SPN401063
13683	49867	BFU112906	25745	61929	MAV102952	37806	73990	SPN401065
13684	49868	BFU112943	25746	61930	MAV102959	37807	73991	SPN401066
13685	49869	BFU112947	25747	61931	MAV102966	37808	73992	SPN401068
13686	49870	BFU112966	25748	61932	MAV103003	37809	73993	SPN401069
13687	49871	BFU113002	25749	61933	MAV103013	37810	73994	SPN401070
13688	49872	BFU113008	25750	61934	MAV103023	37811	73995	SPN401072
13689	49873	BFU113111	25751	61935	MAV103024	37812	73996	SPN401074
13690	49874	BFU113139	25752	61936	MAV103029	37813	73997	SPN401075

DNA SeqID	Protein SeqID	Gene LocusID	DNA SeqID	Protein SeqID	Gene LocusID	DNA SeqID	Protein SeqID	Gene LocusID
13691	49875	BFU113174	25753	61937	MAV103031	37814	73998	SPN401086
13692	49876	BFU113190	25754	61938	MAV103034	37815	73999	SPN401088
13693	49877	BFU113203	25755	61939	MAV103039	37816	74000	SPN401091
13694	49878	BFU113278	25756	61940	MAV103067	37817	74001	SPN401098
13695	49879	BFU113279	25757	61941	MAV103068	37818	74002	SPN401105
13696	49880	BFU113310	25758	61942	MAV103075	37819	74003	SPN401106
13697	49881	BFU113321	25759	61943	MAV103088	37820	74004	SPN401121
13698	49882	BFU113350	25760	61944	MAV103092	37821	74005	SPN401122
13699	49883	BFU113418	25761	61945	MAV103129	37822	74006	SPN401123
13700	49884	BFU113421	25762	61946	MAV103140	37823	74007	SPN401125
13701	49885	BFU113440	25763	61947	MAV103147	37824	74008	SPN401127
13702	49886	BFU113446	25764	61948	MAV103150	37825	74009	SPN401140
13703	49887	BFU113558	25765	61949	MAV103153	37826	74010	SPN401145
13704	49888	BFU113561	25766	61950	MAV103158	37827	74011	SPN401147
13705	49889	BFU113657	25767	61951	MAV103161	37828	74012	SPN401148
13706	49890	BFU113675	25768	61952	MAV103162	37829	74013	SPN401149
13707	49891	BFU113717	25769	61953	MAV103165	37830	74014	SPN401152
13708	49892	BFU113756	25770	61954	MAV103175	37831	74015	SPN401153
13709	49893	BFU113769	25771	61955	MAV103177	37832	74016	SPN401163
13710	49894	BFU113817	25772	61956	MAV103185	37833	74017	SPN401165
13711	49895	BFU113836	25773	61957	MAV103187	37834	74018	SPN401166
13712	49896	BFU113866	25774	61958	MAV103189	37835	74019	SPN401169
13713	49897	BFU113972	25775	61959	MAV103194	37836	74020	SPN401170
13714	49898	BFU113973	25776	61960	MAV103198	37837	74021	SPN401176
13715	49899	BFU113992	25777	61961	MAV103221	37838	74022	SPN401177
13716	49900	BFU113994	25778	61962	MAV103247	37839	74023	SPN401178
13717	49901	BFU114046	25779	61963	MAV103250	37840	74024	SPN401180
13718	49902	BFU114052	25780	61964	MAV103253	37841	74025	SPN401200
13719	49903	BFU114123	25781	61965	MAV103258	37842	74026	SPN401210
13720	49904	BFU114180	25782	61966	MAV103259	37843	74027	SPN401211
13721	49905	BFU114207	25783	61967	MAV103261	37844	74028	SPN401213
13722	49906	BFU114209	25784	61968	MAV103265	37845	74029	SPN401217
13723	49907	BFU114233	25785	61969	MAV103267	37846	74030	SPN401222
13724	49908	BFU114284	25786	61970	MAV103271	37847	74031	SPN401225
13725	49909	BFU114300	25787	61971	MAV103275	37848	74032	SPN401231
13726	49910	BFU114351	25788	61972	MAV103280	37849	74033	SPN401233
13727	49911	BFU114367	25789	61973	MAV103284	37850	74034	SPN401234
13728	49912	BFU114502	25790	61974	MAV103287	37851	74035	SPN401235
13729	49913	BFU114503	25791	61975	MAV103294	37852	74036	SPN401237
13730	49914	BFU114519	25792	61976	MAV103297	37853	74037	SPN401239
13731	49915	BFU114595	25793	61977	MAV103322	37854	74038	SPN401242
13732	49916	BFU114632	25794	61978	MAV103344	37855	74039	SPN401246
13733	49917	BFU114667	25795	61979	MAV103353	37856	74040	SPN401248
13734	49918	BFU114695	25796	61980	MAV103355	37857	74041	SPN401250
13735	49919	BFU114715	25797	61981	MAV103356	37858	74042	SPN401255
13736	49920	BFU114742	25798	61982	MAV103371	37859	74043	SPN401264
13737	49921	BFU114829	25799	61983	MAV103382	37860	74044	SPN401269
13738	49922	BFU114870	25800	61984	MAV103388	37861	74045	SPN401270
13739	49923	BFU114872	25801	61985	MAV103392	37862	74046	SPN401271
13740	49924	BFU114880	25802	61986	MAV103395	37863	74047	SPN401272
13741	49925	BFU114961	25803	61987	MAV103396	37864	74048	SPN401275
13742	49926	BFU114968	25804	61988	MAV103398	37865	74049	SPN401276
13743	49927	BFU114977	25805	61989	MAV103400	37866	74050	SPN401281
13744	49928	BFU115027	25806	61990	MAV103401	37867	74051	SPN401283
13745	49929	BFU115165	25807	61991	MAV103402	37868	74052	SPN401299

DNA SeqID	Protein SeqID	Gene LocusID	DNA SeqID	Protein SeqID	Gene LocusID	DNA SeqID	Protein SeqID	Gene LocusID
13746	49930	BFU115196	25808	61992	MAV103415	37869	74053	SPN401301
13747	49931	BFU115276	25809	61993	MAV103416	37870	74054	SPN401305
13748	49932	BFU115281	25810	61994	MAV103417	37871	74055	SPN401316
13749	49933	BFU115309	25811	61995	MAV103429	37872	74056	SPN401317
13750	49934	BFU115323	25812	61996	MAV103439	37873	74057	SPN401319
13751	49935	BFU115336	25813	61997	MAV103447	37874	74058	SPN401320
13752	49936	BFU115450	25814	61998	MAV103466	37875	74059	SPN401321
13753	49937	BFU115490	25815	61999	MAV103471	37876	74060	SPN401327
13754	49938	BFU115574	25816	62000	MAV103503	37877	74061	SPN401328
13755	49939	BFU115576	25817	62001	MAV103512	37878	74062	SPN401331
13756	49940	BFU115595	25818	62002	MAV103522	37879	74063	SPN401334
13757	49941	BFU115601	25819	62003	MAV103524	37880	74064	SPN401338
13758	49942	BFU115607	25820	62004	MAV103533	37881	74065	SPN401342
13759	49943	BFU115652	25821	62005	MAV103538	37882	74066	SPN401350
13760	49944	BFU115698	25822	62006	MAV103539	37883	74067	SPN401352
13761	49945	BFU115699	25823	62007	MAV103545	37884	74068	SPN401361
13762	49946	BFU115706	25824	62008	MAV103566	37885	74069	SPN401362
13763	49947	BFU115722	25825	62009	MAV103568	37886	74070	SPN401363
13764	49948	BFU115748	25826	62010	MAV103576	37887	74071	SPN401364
13765	49949	BFU115799	25827	62011	MAV103580	37888	74072	SPN401365
13766	49950	BFU115826	25828	62012	MAV103592	37889	74073	SPN401372
13767	49951	BFU115854	25829	62013	MAV103597	37890	74074	SPN401376
13768	49952	BFU115907	25830	62014	MAV103599	37891	74075	SPN401382
13769	49953	BFU115965	25831	62015	MAV103601	37892	74076	SPN401383
13770	49954	BFU115968	25832	62016	MAV103606	37893	74077	SPN401384
13771	49955	BFU116174	25833	62017	MAV103610	37894	74078	SPN401388
13772	49956	BFU116206	25834	62018	MAV103621	37895	74079	SPN401393
13773	49957	BFU116306	25835	62019	MAV103625	37896	74080	SPN401394
13774	49958	BFU116313	25836	62020	MAV103629	37897	74081	SPN401395
13775	49959	BMA100015	25837	62021	MAV103638	37898	74082	SPN401396
13776	49960	BMA100022	25838	62022	MAV103640	37899	74083	SPN401402
13777	49961	BMA100031	25839	62023	MAV103641	37900	74084	SPN401409
13778	49962	BMA100034	25840	62024	MAV103648	37901	74085	SPN401411
13779	49963	BMA100053	25841	62025	MAV103649	37902	74086	SPN401412
13780	49964	BMA100055	25842	62026	MAV103656	37903	74087	SPN401413
13781	49965	BMA100059	25843	62027	MAV103659	37904	74088	SPN401416
13782	49966	BMA100060	25844	62028	MAV103673	37905	74089	SPN401417
13783	49967	BMA100069	25845	62029	MAV103677	37906	74090	SPN401420
13784	49968	BMA100071	25846	62030	MAV103710	37907	74091	SPN401421
13785	49969	BMA100072	25847	62031	MAV103718	37908	74092	SPN401422
13786	49970	BMA100077	25848	62032	MAV103737	37909	74093	SPN401423
13787	49971	BMA100078	25849	62033	MAV103755	37910	74094	SPN401426
13788	49972	BMA100086	25850	62034	MAV103759	37911	74095	SPN401428
13789	49973	BMA100120	25851	62035	MAV103767	37912	74096	SPN401429
13790	49974	BMA100121	25852	62036	MAV103780	37913	74097	SPN401439
13791	49975	BMA100134	25853	62037	MAV103783	37914	74098	SPN401442
13792	49976	BMA100152	25854	62038	MAV103787	37915	74099	SPN401443
13793	49977	BMA100166	25855	62039	MAV103801	37916	74100	SPN401445
13794	49978	BMA100169	25856	62040	MAV103805	37917	74101	SPN401450
13795	49979	BMA100174	25857	62041	MAV103808	37918	74102	SPN401452
13796	49980	BMA100176	25858	62042	MAV103813	37919	74103	SPN401455
13797	49981	BMA100184	25859	62043	MAV103815	37920	74104	SPN401457
13798	49982	BMA100194	25860	62044	MAV103822	37921	74105	SPN401464
13799	49983	BMA100200	25861	62045	MAV103827	37922	74106	SPN401466
13800	49984	BMA100207	25862	62046	MAV103835	37923	74107	SPN401471

DNA SeqID	Protein SeqID	Gene LocusID	DNA SeqID	Protein SeqID	Gene LocusID	DNA SeqID	Protein SeqID	Gene LocusID
13801	49985	BMA100242	25863	62047	MAV103843	37924	74108	SPN401486
13802	49986	BMA100271	25864	62048	MAV103878	37925	74109	SPN401501
13803	49987	BMA100274	25865	62049	MAV103895	37926	74110	SPN401504
13804	49988	BMA100278	25866	62050	MAV103904	37927	74111	SPN401507
13805	49989	BMA100281	25867	62051	MAV103917	37928	74112	SPN401508
13806	49990	BMA100299	25868	62052	MAV103918	37929	74113	SPN401509
13807	49991	BMA100300	25869	62053	MAV103921	37930	74114	SPN401510
13808	49992	BMA100321	25870	62054	MAV103930	37931	74115	SPN401513
13809	49993	BMA100330	25871	62055	MAV103940	37932	74116	SPN401514
13810	49994	BMA100331	25872	62056	MAV103959	37933	74117	SPN401515
13811	49995	BMA100332	25873	62057	MAV103964	37934	74118	SPN401516
13812	49996	BMA100349	25874	62058	MAV103971	37935	74119	SPN401517
13813	49997	BMA100352	25875	62059	MAV103983	37936	74120	SPN401518
13814	49998	BMA100363	25876	62060	MAV103992	37937	74121	SPN401527
13815	49999	BMA100367	25877	62061	MAV103993	37938	74122	SPN401529
13816	50000	BMA100377	25878	62062	MAV103995	37939	74123	SPN401539
13817	50001	BMA100378	25879	62063	MAV103996	37940	74124	SPN401540
13818	50002	BMA100384	25880	62064	MAV103997	37941	74125	SPN401543
13819	50003	BMA100406	25881	62065	MAV104005	37942	74126	SPN401552
13820	50004	BMA100428	25882	62066	MAV104011	37943	74127	SPN401557
13821	50005	BMA100432	25883	62067	MAV104012	37944	74128	SPN401558
13822	50006	BMA100434	25884	62068	MAV104018	37945	74129	SPN401561
13823	50007	BMA100455	25885	62069	MAV104019	37946	74130	SPN401568
13824	50008	BMA100457	25886	62070	MAV104042	37947	74131	SPN401575
13825	50009	BMA100478	25887	62071	MAV104045	37948	74132	SPN401577
13826	50010	BMA100507	25888	62072	MAV104086	37949	74133	SPN401580
13827	50011	BMA100519	25889	62073	MAV104113	37950	74134	SPN401582
13828	50012	BMA100537	25890	62074	MAV104121	37951	74135	SPN401589
13829	50013	BMA100546	25891	62075	MAV104122	37952	74136	SPN401592
13830	50014	BMA100553	25892	62076	MAV104123	37953	74137	SPN401595
13831	50015	BMA100563	25893	62077	MAV104126	37954	74138	SPN401597
13832	50016	BMA100570	25894	62078	MAV104131	37955	74139	SPN401598
13833	50017	BMA100576	25895	62079	MAV104132	37956	74140	SPN401602
13834	50018	BMA100577	25896	62080	MAV104191	37957	74141	SPN401605
13835	50019	BMA100582	25897	62081	MAV104222	37958	74142	SPN401614
13836	50020	BMA100592	25898	62082	MAV104224	37959	74143	SPN401622
13837	50021	BMA100595	25899	62083	MAV104228	37960	74144	SPN401624
13838	50022	BMA100597	25900	62084	MAV104239	37961	74145	SPN401630
13839	50023	BMA100624	25901	62085	MAV104245	37962	74146	SPN401632
13840	50024	BMA100646	25902	62086	MAV104430	37963	74147	SPN401633
13841	50025	BMA100689	25903	62087	MAV104478	37964	74148	SPN401648
13842	50026	BMA100711	25904	62088	MAV104574	37965	74149	SPN401654
13843	50027	BMA100713	25905	62089	MAV104586	37966	74150	SPN401675
13844	50028	BMA100720	25906	62090	MAV104590	37967	74151	SPN401682
13845	50029	BMA100755	25907	62091	MAV104609	37968	74152	SPN401687
13846	50030	BMA100760	25908	62092	MAV104612	37969	74153	SPN401693
13847	50031	BMA100765	25909	62093	MAV104707	37970	74154	SPN401694
13848	50032	BMA100819	25910	62094	MAV104721	37971	74155	SPN401698
13849	50033	BMA100821	25911	62095	MAV104770	37972	74156	SPN401702
13850	50034	BMA100835	25912	62096	MAV104787	37973	74157	SPN401706
13851	50035	BMA100844	25913	62097	MAV104827	37974	74158	SPN401710
13852	50036	BMA100850	25914	62098	MAV104842	37975	74159	SPN401712
13853	50037	BMA100851	25915	62099	MAV104847	37976	74160	SPN401716
13854	50038	BMA100853	25916	62100	MAV104895	37977	74161	SPN401720
13855	50039	BMA100868	25917	62101	MAV104920	37978	74162	SPN401724

DNA SeqID	Protein SeqID	Gene LocusID	DNA SeqID	Protein SeqID	Gene LocusID	DNA SeqID	Protein SeqID	Gene LocusID
13856	50040	BMA100869	25918	62102	MAV104921	37979	74163	SPN401736
13857	50041	BMA100911	25919	62103	MAV104946	37980	74164	SPN401755
13858	50042	BMA100917	25920	62104	MAV104984	37981	74165	SPN401756
13859	50043	BMA100943	25921	62105	MAV104987	37982	74166	SPN401757
13860	50044	BMA100948	25922	62106	MAV105025	37983	74167	SPN401766
13861	50045	BMA100957	25923	62107	MAV105031	37984	74168	SPN401774
13862	50046	BMA100998	25924	62108	MAV105050	37985	74169	SPN401775
13863	50047	BMA101020	25925	62109	MAV105065	37986	74170	SPN401776
13864	50048	BMA101024	25926	62110	MAV105067	37987	74171	SPN401779
13865	50049	BMA101028	25927	62111	MAV105101	37988	74172	SPN401780
13866	50050	BMA101045	25928	62112	MAV105125	37989	74173	SPN401786
13867	50051	BMA101052	25929	62113	MAV105135	37990	74174	SPN401788
13868	50052	BMA101057	25930	62114	MAV105169	37991	74175	SPN401792
13869	50053	BMA101065	25931	62115	MAV105180	37992	74176	SPN401793
13870	50054	BMA101083	25932	62116	MAV105204	37993	74177	SPN401797
13871	50055	BMA101111	25933	62117	MAV105209	37994	74178	SPN401802
13872	50056	BMA101112	25934	62118	MAV105267	37995	74179	SPN401803
13873	50057	BMA101121	25935	62119	MAV105287	37996	74180	SPN401804
13874	50058	BMA101128	25936	62120	MAV105291	37997	74181	SPN401805
13875	50059	BMA101152	25937	62121	MAV105306	37998	74182	SPN401808
13876	50060	BMA101165	25938	62122	MAV105337	37999	74183	SPN401812
13877	50061	BMA101166	25939	62123	MAV105362	38000	74184	SPN401813
13878	50062	BMA101178	25940	62124	MAV105384	38001	74185	SPN401818
13879	50063	BMA101183	25941	62125	MAV105413	38002	74186	SPN401823
13880	50064	BMA101185	25942	62126	MAV105419	38003	74187	SPN401835
13881	50065	BMA101206	25943	62127	MAV105422	38004	74188	SPN401837
13882	50066	BMA101214	25944	62128	MAV105445	38005	74189	SPN401839
13883	50067	BMA101219	25945	62129	MAV105446	38006	74190	SPN401842
13884	50068	BMA101246	25946	62130	MAV105448	38007	74191	SPN401850
13885	50069	BMA101250	25947	62131	MAV105497	38008	74192	SPN401851
13886	50070	BMA101276	25948	62132	MAV105499	38009	74193	SPN401853
13887	50071	BMA101290	25949	62133	MAV105503	38010	74194	SPN401863
13888	50072	BMA101322	25950	62134	MAV105506	38011	74195	SPN401864
13889	50073	BMA101335	25951	62135	MAV105510	38012	74196	SPN401865
13890	50074	BMA101338	25952	62136	MAV105518	38013	74197	SPN401866
13891	50075	BMA101355	25953	62137	MAV105530	38014	74198	SPN401875
13892	50076	BMA101385	25954	62138	MAV105552	38015	74199	SPN401878
13893	50077	BMA101403	25955	62139	MAV105559	38016	74200	SPN401879
13894	50078	BMA101414	25956	62140	MAV105572	38017	74201	SPN401885
13895	50079	BMA101428	25957	62141	MAV105579	38018	74202	SPN401887
13896	50080	BMA101458	25958	62142	MAV105583	38019	74203	SPN401895
13897	50081	BMA101481	25959	62143	MAV105594	38020	74204	SPN401899
13898	50082	BMA101484	25960	62144	MAV105603	38021	74205	SPN401900
13899	50083	BMA101485	25961	62145	MAV105607	38022	74206	SPN401902
13900	50084	BMA101495	25962	62146	MAV105640	38023	74207	SPN401904
13901	50085	BMA101496	25963	62147	MAV105645	38024	74208	SPN401907
13902	50086	BMA101499	25964	62148	MAV105676	38025	74209	SPN401915
13903	50087	BMA101500	25965	62149	MAV105704	38026	74210	SPN401919
13904	50088	BMA101518	25966	62150	MAV105730	38027	74211	SPN401921
13905	50089	BMA101520	25967	62151	MAV105759	38028	74212	SPN401928
13906	50090	BMA101533	25968	62152	MAV105805	38029	74213	SPN401932
13907	50091	BMA101577	25969	62153	MAV105815	38030	74214	SPN401935
13908	50092	BMA101585	25970	62154	MAV105850	38031	74215	SPN401937
13909	50093	BMA101593	25971	62155	MAV105869	38032	74216	SPN401941
13910	50094	BMA101603	25972	62156	MAV105900	38033	74217	SPN401954

DNA SeqID	Protein SeqID	Gene LocusID	DNA SeqID	Protein SeqID	Gene LocusID	DNA SeqID	Protein SeqID	Gene LocusID
13911	50095	BMA101604	25973	62157	MAV105904	38034	74218	SPN401955
13912	50096	BMA101609	25974	62158	MAV105907	38035	74219	SPN401956
13913	50097	BMA101618	25975	62159	MAV105952	38036	74220	SPN401959
13914	50098	BMA101625	25976	62160	MAV105985	38037	74221	SPN401968
13915	50099	BMA101634	25977	62161	MAV106038	38038	74222	SPN401979
13916	50100	BMA101641	25978	62162	MAV106060	38039	74223	SPN401981
13917	50101	BMA101644	25979	62163	MAV106074	38040	74224	SPN401985
13918	50102	BMA101649	25980	62164	MAV106092	38041	74225	SPN401988
13919	50103	BMA101700	25981	62165	MAV106114	38042	74226	SPN401990
13920	50104	BMA101721	25982	62166	MAV106118	38043	74227	SPN401991
13921	50105	BMA101765	25983	62167	MAV106140	38044	74228	SPN401992
13922	50106	BMA101766	25984	62168	MAV106180	38045	74229	SPN401997
13923	50107	BMA101787	25985	62169	MAV106193	38046	74230	SPN402005
13924	50108	BMA101790	25986	62170	MAV106301	38047	74231	SPN402006
13925	50109	BMA101805	25987	62171	MAV106350	38048	74232	SPN402007
13926	50110	BMA101880	25988	62172	MAV106390	38049	74233	SPN402012
13927	50111	BMA101899	25989	62173	MAV106392	38050	74234	SPN402016
13928	50112	BMA101911	25990	62174	MAV106393	38051	74235	SPN402017
13929	50113	BMA101914	25991	62175	MAV106394	38052	74236	SPN402019
13930	50114	BMA101918	25992	62176	MAV106396	38053	74237	SPN402021
13931	50115	BMA101920	25993	62177	MAV106404	38054	74238	SPN402022
13932	50116	BMA101924	25994	62178	MAV106405	38055	74239	SPN402023
13933	50117	BMA101936	25995	62179	MAV106410	38056	74240	SPN402024
13934	50118	BMA101937	25996	62180	MAV106414	38057	74241	SPN402025
13935	50119	BMA101951	25997	62181	MAV106430	38058	74242	SPN402026
13936	50120	BMA101975	25998	62182	MAV106432	38059	74243	SPN402031
13937	50121	BMA101986	25999	62183	MAV106442	38060	74244	SPN402032
13938	50122	BMA101995	26000	62184	MAV106443	38061	74245	SPN402036
13939	50123	BMA101998	26001	62185	MAV106465	38062	74246	SPN402037
13940	50124	BMA102007	26002	62186	MAV106467	38063	74247	SPN402041
13941	50125	BMA102013	26003	62187	MAV106475	38064	74248	SPN402042
13942	50126	BMA102024	26004	62188	MAV106479	38065	74249	SPY100024
13943	50127	BMA102055	26005	62189	MAV106497	38066	74250	SPY100064
13944	50128	BMA102057	26006	62190	MAV106504	38067	74251	SPY100086
13945	50129	BMA102061	26007	62191	MAV106507	38068	74252	SPY100103
13946	50130	BMA102063	26008	62192	MAV106509	38069	74253	SPY100159
13947	50131	BMA102072	26009	62193	MAV106513	38070	74254	SPY100161
13948	50132	BMA102074	26010	62194	MAV106517	38071	74255	SPY100203
13949	50133	BMA102082	26011	62195	MAV106518	38072	74256	SPY100277
13950	50134	BMA102085	26012	62196	MAV106519	38073	74257	SPY100322
13951	50135	BMA102102	26013	62197	MAV106520	38074	74258	SPY100349
13952	50136	BMA102106	26014	62198	MAV106522	38075	74259	SPY100446
13953	50137	BMA102153	26015	62199	MAV106525	38076	74260	SPY100688
13954	50138	BMA102164	26016	62200	MAV106529	38077	74261	SPY100767
13955	50139	BMA102165	26017	62201	MAV106530	38078	74262	SPY100910
13956	50140	BMA102172	26018	62202	MAV106531	38079	74263	SPY100934
13957	50141	BMA102173	26019	62203	MAV106532	38080	74264	SPY100941
13958	50142	BMA102197	26020	62204	MAV106540	38081	74265	SPY100972
13959	50143	BMA102202	26021	62205	MAV106542	38082	74266	SPY100981
13960	50144	BMA102208	26022	62206	MAV106545	38083	74267	SPY101115
13961	50145	BMA102225	26023	62207	MAV106547	38084	74268	SPY101254
13962	50146	BMA102236	26024	62208	MAV106548	38085	74269	SPY101451
13963	50147	BMA102261	26025	62209	MAV106549	38086	74270	SPY101502
13964	50148	BMA102272	26026	62210	MAV106572	38087	74271	SPY101613
13965	50149	BMA102306	26027	62211	MAV106573	38088	74272	SPY101669

DNA SeqID	Protein SeqID	Gene LocusID	DNA SeqID	Protein SeqID	Gene LocusID	DNA SeqID	Protein SeqID	Gene LocusID
13966	50150	BMA102315	26028	62212	MAV106576	38089	74273	SPY101819
13967	50151	BMA102321	26029	62213	MAV106579	38090	74274	SPY101855
13968	50152	BMA102344	26030	62214	MAV106588	38091	74275	SPY101903
13969	50153	BMA102365	26031	62215	MAV106589	38092	74276	SPY101914
13970	50154	BMA102366	26032	62216	MAV106603	38093	74277	SPY101929
13971	50155	BMA102378	26033	62217	MAV106636	38094	74278	SPY101944
13972	50156	BMA102384	26034	62218	MAV106640	38095	74279	SPY101945
13973	50157	BMA102386	26035	62219	MAV106642	38096	74280	SPY101946
13974	50158	BMA102395	26036	62220	MAV106643	38097	74281	SPY101987
13975	50159	BMA102452	26037	62221	MAV106664	38098	74282	SPY102082
13976	50160	BMA102467	26038	62222	MAV106724	38099	74283	SPY102094
13977	50161	BMA102489	26039	62223	MAV106780	38100	74284	SPY102341
13978	50162	BMA102491	26040	62224	MAV106814	38101	74285	SPY102377
13979	50163	BMA102492	26041	62225	MAV106921	38102	74286	SPY102409
13980	50164	BMA102494	26042	62226	MAV106939	38103	74287	SPY102499
13981	50165	BMA102496	26043	62227	MAV107016	38104	74288	SPY102630
13982	50166	BMA102515	26044	62228	MAV107021	38105	74289	SPY102942
13983	50167	BMA102521	26045	62229	MAV107152	38106	74290	SPY102945
13984	50168	BMA102527	26046	62230	MAV107193	38107	74291	SPY103087
13985	50169	BMA102538	26047	62231	MAV107220	38108	74292	SPY103176
13986	50170	BMA102547	26048	62232	MAV107238	38109	74293	SPY103251
13987	50171	BMA102557	26049	62233	MAV107258	38110	74294	SPY103286
13988	50172	BMA102559	26050	62234	MAV107307	38111	74295	SPY103363
13989	50173	BMA102568	26051	62235	MAV107352	38112	74296	SPY103387
13990	50174	BMA102573	26052	62236	MAV107390	38113	74297	SPY103617
13991	50175	BMA102577	26053	62237	MAV107400	38114	74298	SPY103619
13992	50176	BMA102592	26054	62238	MAV107513	38115	74299	SPY103747
13993	50177	BMA102600	26055	62239	MAV107627	38116	74300	SPY200001
13994	50178	BMA102603	26056	62240	MAV107704	38117	74301	SPY200002
13995	50179	BMA102624	26057	62241	MAV107742	38118	74302	SPY200003
13996	50180	BMA102629	26058	62242	MAV107800	38119	74303	SPY200004
13997	50181	BMA102637	26059	62243	MAV107884	38120	74304	SPY200006
13998	50182	BMA102656	26060	62244	MAV108037	38121	74305	SPY200007
13999	50183	BMA102663	26061	62245	MAV108053	38122	74306	SPY200010
14000	50184	BMA102664	26062	62246	MAV108057	38123	74307	SPY200011
14001	50185	BMA102682	26063	62247	MAV108159	38124	74308	SPY200012
14002	50186	BMA102686	26064	62248	MAV108170	38125	74309	SPY200014
14003	50187	BMA102698	26065	62249	MAV108179	38126	74310	SPY200019
14004	50188	BMA102714	26066	62250	MAV108258	38127	74311	SPY200028
14005	50189	BMA102722	26067	62251	MAV108289	38128	74312	SPY200033
14006	50190	BMA102737	26068	62252	MAV108334	38129	74313	SPY200034
14007	50191	BMA102755	26069	62253	MAV108341	38130	74314	SPY200036
14008	50192	BMA102767	26070	62254	MAV108353	38131	74315	SPY200037
14009	50193	BMA102774	26071	62255	MAV108372	38132	74316	SPY200038
14010	50194	BMA102817	26072	62256	MAV108422	38133	74317	SPY200039
14011	50195	BMA102821	26073	62257	MAV108484	38134	74318	SPY200040
14012	50196	BMA102838	26074	62258	MAV108493	38135	74319	SPY200041
14013	50197	BMA102844	26075	62259	MAV108571	38136	74320	SPY200042
14014	50198	BMA102879	26076	62260	MAV108578	38137	74321	SPY200043
14015	50199	BMA102889	26077	62261	MAV108579	38138	74322	SPY200044
14016	50200	BMA102938	26078	62262	MAV108594	38139	74323	SPY200045
14017	50201	BMA102942	26079	62263	MAV108685	38140	74324	SPY200046
14018	50202	BMA102951	26080	62264	MAV108739	38141	74325	SPY200047
14019	50203	BMA102974	26081	62265	MAV108772	38142	74326	SPY200048
14020	50204	BMA102975	26082	62266	MAV108777	38143	74327	SPY200049

DNA SeqID	Protein SeqID	Gene LocusID	DNA SeqID	Protein SeqID	Gene LocusID	DNA SeqID	Protein SeqID	Gene LocusID
14021	50205	BMA102976	26083	62267	MAV108778	38144	74328	SPY200050
14022	50206	BMA102987	26084	62268	MAV108796	38145	74329	SPY200051
14023	50207	BMA103011	26085	62269	MAV108800	38146	74330	SPY200052
14024	50208	BMA103015	26086	62270	MAV109056	38147	74331	SPY200053
14025	50209	BMA103043	26087	62271	MBV100019	38148	74332	SPY200054
14026	50210	BMA103047	26088	62272	MBV100021	38149	74333	SPY200055
14027	50211	BMA103057	26089	62273	MBV100023	38150	74334	SPY200056
14028	50212	BMA103063	26090	62274	MBV100044	38151	74335	SPY200057
14029	50213	BMA103068	26091	62275	MBV100056	38152	74336	SPY200058
14030	50214	BMA103069	26092	62276	MBV100063	38153	74337	SPY200059
14031	50215	BMA103072	26093	62277	MBV100072	38154	74338	SPY200060
14032	50216	BMA103073	26094	62278	MBV100073	38155	74339	SPY200061
14033	50217	BMA103090	26095	62279	MBV100078	38156	74340	SPY200062
14034	50218	BMA103136	26096	62280	MBV100093	38157	74341	SPY200063
14035	50219	BMA103147	26097	62281	MBV100099	38158	74342	SPY200069
14036	50220	BMA103155	26098	62282	MBV100100	38159	74343	SPY200071
14037	50221	BMA103156	26099	62283	MBV100101	38160	74344	SPY200072
14038	50222	BMA103170	26100	62284	MBV100112	38161	74345	SPY200081
14039	50223	BMA103231	26101	62285	MBV100156	38162	74346	SPY200089
14040	50224	BMA103254	26102	62286	MBV100178	38163	74347	SPY200090
14041	50225	BMA103256	26103	62287	MBV100183	38164	74348	SPY200094
14042	50226	BMA103262	26104	62288	MBV100192	38165	74349	SPY200100
14043	50227	BMA103265	26105	62289	MBV100194	38166	74350	SPY200101
14044	50228	BMA103267	26106	62290	MBV100203	38167	74351	SPY200117
14045	50229	BMA103273	26107	62291	MBV100204	38168	74352	SPY200119
14046	50230	BMA103282	26108	62292	MBV100206	38169	74353	SPY200128
14047	50231	BMA103289	26109	62293	MBV100208	38170	74354	SPY200134
14048	50232	BMA103301	26110	62294	MBV100214	38171	74355	SPY200140
14049	50233	BMA103307	26111	62295	MBV100232	38172	74356	SPY200150
14050	50234	BMA103315	26112	62296	MBV100237	38173	74357	SPY200151
14051	50235	BMA103339	26113	62297	MBV100238	38174	74358	SPY200153
14052	50236	BMA103347	26114	62298	MBV100246	38175	74359	SPY200154
14053	50237	BMA103350	26115	62299	MBV100248	38176	74360	SPY200159
14054	50238	BMA103367	26116	62300	MBV100249	38177	74361	SPY200163
14055	50239	BMA103371	26117	62301	MBV100250	38178	74362	SPY200164
14056	50240	BMA103404	26118	62302	MBV100257	38179	74363	SPY200167
14057	50241	BMA103413	26119	62303	MBV100278	38180	74364	SPY200171
14058	50242	BMA103430	26120	62304	MBV100289	38181	74365	SPY200174
14059	50243	BMA103433	26121	62305	MBV100298	38182	74366	SPY200178
14060	50244	BMA103440	26122	62306	MBV100308	38183	74367	SPY200179
14061	50245	BMA103461	26123	62307	MBV100325	38184	74368	SPY200181
14062	50246	BMA103470	26124	62308	MBV100327	38185	74369	SPY200188
14063	50247	BMA103495	26125	62309	MBV100329	38186	74370	SPY200189
14064	50248	BMA103540	26126	62310	MBV100332	38187	74371	SPY200190
14065	50249	BMA103545	26127	62311	MBV100369	38188	74372	SPY200191
14066	50250	BMA103554	26128	62312	MBV100379	38189	74373	SPY200192
14067	50251	BMA103568	26129	62313	MBV100382	38190	74374	SPY200197
14068	50252	BMA103588	26130	62314	MBV100383	38191	74375	SPY200199
14069	50253	BMA103598	26131	62315	MBV100384	38192	74376	SPY200200
14070	50254	BMA103602	26132	62316	MBV100407	38193	74377	SPY200201
14071	50255	BMA103603	26133	62317	MBV100409	38194	74378	SPY200202
14072	50256	BMA103613	26134	62318	MBV100418	38195	74379	SPY200203
14073	50257	BMA103619	26135	62319	MBV100426	38196	74380	SPY200205
14074	50258	BMA103625	26136	62320	MBV100432	38197	74381	SPY200209
14075	50259	BMA103652	26137	62321	MBV100454	38198	74382	SPY200210

DNA SeqID	Protein SeqID	Gene LocusID	DNA SeqID	Protein SeqID	Gene LocusID	DNA SeqID	Protein SeqID	Gene LocusID
14076	50260	BMA103660	26138	62322	MBV100477	38199	74383	SPY200213
14077	50261	BMA103662	26139	62323	MBV100481	38200	74384	SPY200218
14078	50262	BMA103667	26140	62324	MBV100492	38201	74385	SPY200219
14079	50263	BMA103699	26141	62325	MBV100494	38202	74386	SPY200223
14080	50264	BMA103704	26142	62326	MBV100502	38203	74387	SPY200226
14081	50265	BMA103709	26143	62327	MBV100521	38204	74388	SPY200231
14082	50266	BMA103712	26144	62328	MBV100523	38205	74389	SPY200233
14083	50267	BMA103717	26145	62329	MBV100524	38206	74390	SPY200235
14084	50268	BMA103723	26146	62330	MBV100525	38207	74391	SPY200236
14085	50269	BMA103736	26147	62331	MBV100527	38208	74392	SPY200238
14086	50270	BMA103749	26148	62332	MBV100529	38209	74393	SPY200240
14087	50271	BMA103750	26149	62333	MBV100531	38210	74394	SPY200248
14088	50272	BMA103771	26150	62334	MBV100533	38211	74395	SPY200251
14089	50273	BMA103777	26151	62335	MBV100535	38212	74396	SPY200255
14090	50274	BMA103798	26152	62336	MBV100536	38213	74397	SPY200257
14091	50275	BMA103808	26153	62337	MBV100540	38214	74398	SPY200261
14092	50276	BMA103809	26154	62338	MBV100570	38215	74399	SPY200262
14093	50277	BMA103820	26155	62339	MBV100571	38216	74400	SPY200268
14094	50278	BMA103821	26156	62340	MBV100573	38217	74401	SPY200270
14095	50279	BMA103833	26157	62341	MBV100578	38218	74402	SPY200272
14096	50280	BMA103855	26158	62342	MBV100580	38219	74403	SPY200275
14097	50281	BMA103867	26159	62343	MBV100591	38220	74404	SPY200277
14098	50282	BMA103871	26160	62344	MBV100592	38221	74405	SPY200281
14099	50283	BMA103873	26161	62345	MBV100593	38222	74406	SPY200282
14100	50284	BMA103887	26162	62346	MBV100595	38223	74407	SPY200283
14101	50285	BMA103894	26163	62347	MBV100599	38224	74408	SPY200284
14102	50286	BMA103928	26164	62348	MBV100603	38225	74409	SPY200285
14103	50287	BMA103931	26165	62349	MBV100614	38226	74410	SPY200289
14104	50288	BMA103946	26166	62350	MBV100621	38227	74411	SPY200290
14105	50289	BMA103953	26167	62351	MBV100622	38228	74412	SPY200293
14106	50290	BMA103960	26168	62352	MBV100623	38229	74413	SPY200298
14107	50291	BMA103965	26169	62353	MBV100624	38230	74414	SPY200299
14108	50292	BMA103982	26170	62354	MBV100633	38231	74415	SPY200301
14109	50293	BMA103994	26171	62355	MBV100652	38232	74416	SPY200303
14110	50294	BMA104026	26172	62356	MBV100653	38233	74417	SPY200304
14111	50295	BMA104037	26173	62357	MBV100667	38234	74418	SPY200315
14112	50296	BMA104055	26174	62358	MBV100688	38235	74419	SPY200317
14113	50297	BMA104058	26175	62359	MBV100692	38236	74420	SPY200320
14114	50298	BMA104059	26176	62360	MBV100699	38237	74421	SPY200327
14115	50299	BMA104068	26177	62361	MBV100745	38238	74422	SPY200329
14116	50300	BMA104071	26178	62362	MBV100772	38239	74423	SPY200330
14117	50301	BMA104087	26179	62363	MBV100785	38240	74424	SPY200331
14118	50302	BMA104091	26180	62364	MBV100793	38241	74425	SPY200332
14119	50303	BMA104109	26181	62365	MBV100817	38242	74426	SPY200337
14120	50304	BMA104123	26182	62366	MBV100825	38243	74427	SPY200341
14121	50305	BMA104126	26183	62367	MBV100832	38244	74428	SPY200342
14122	50306	BMA104130	26184	62368	MBV100840	38245	74429	SPY200353
14123	50307	BMA104136	26185	62369	MBV100846	38246	74430	SPY200356
14124	50308	BMA104139	26186	62370	MBV100850	38247	74431	SPY200359
14125	50309	BMA104162	26187	62371	MBV100852	38248	74432	SPY200370
14126	50310	BMA104163	26188	62372	MBV100875	38249	74433	SPY200371
14127	50311	BMA104183	26189	62373	MBV100882	38250	74434	SPY200378
14128	50312	BMA104191	26190	62374	MBV100885	38251	74435	SPY200379
14129	50313	BMA104207	26191	62375	MBV100889	38252	74436	SPY200382
14130	50314	BMA104232	26192	62376	MBV100906	38253	74437	SPY200407

DNA SeqID	Protein SeqID	Gene LocusID	DNA SeqID	Protein SeqID	Gene LocusID	DNA SeqID	Protein SeqID	Gene LocusID
14131	50315	BMA104267	26193	62377	MBV100910	38254	74438	SPY200409
14132	50316	BMA104295	26194	62378	MBV100917	38255	74439	SPY200412
14133	50317	BMA104306	26195	62379	MBV100918	38256	74440	SPY200413
14134	50318	BMA104317	26196	62380	MBV100919	38257	74441	SPY200418
14135	50319	BMA104332	26197	62381	MBV100927	38258	74442	SPY200421
14136	50320	BMA104335	26198	62382	MBV100928	38259	74443	SPY200427
14137	50321	BMA104337	26199	62383	MBV100931	38260	74444	SPY200429
14138	50322	BMA104338	26200	62384	MBV100934	38261	74445	SPY200440
14139	50323	BMA104351	26201	62385	MBV100941	38262	74446	SPY200441
14140	50324	BMA104367	26202	62386	MBV100967	38263	74447	SPY200443
14141	50325	BMA104373	26203	62387	MBV100969	38264	74448	SPY200444
14142	50326	BMA104399	26204	62388	MBV100973	38265	74449	SPY200445
14143	50327	BMA104409	26205	62389	MBV100975	38266	74450	SPY200449
14144	50328	BMA104447	26206	62390	MBV100989	38267	74451	SPY200457
14145	50329	BMA104486	26207	62391	MBV100990	38268	74452	SPY200463
14146	50330	BMA104499	26208	62392	MBV100992	38269	74453	SPY200468
14147	50331	BMA104500	26209	62393	MBV101010	38270	74454	SPY200469
14148	50332	BMA104510	26210	62394	MBV101011	38271	74455	SPY200470
14149	50333	BMA104513	26211	62395	MBV101012	38272	74456	SPY200471
14150	50334	BMA104515	26212	62396	MBV101013	38273	74457	SPY200472
14151	50335	BMA104533	26213	62397	MBV101014	38274	74458	SPY200509
14152	50336	BMA104539	26214	62398	MBV101015	38275	74459	SPY200525
14153	50337	BMA104551	26215	62399	MBV101016	38276	74460	SPY200530
14154	50338	BMA104571	26216	62400	MBV101017	38277	74461	SPY200532
14155	50339	BMA104589	26217	62401	MBV101018	38278	74462	SPY200535
14156	50340	BMA104593	26218	62402	MBV101045	38279	74463	SPY200538
14157	50341	BMA104598	26219	62403	MBV101047	38280	74464	SPY200545
14158	50342	BMA104606	26220	62404	MBV101048	38281	74465	SPY200550
14159	50343	BMA104609	26221	62405	MBV101054	38282	74466	SPY200551
14160	50344	BMA104615	26222	62406	MBV101055	38283	74467	SPY200553
14161	50345	BMA104623	26223	62407	MBV101058	38284	74468	SPY200554
14162	50346	BMA104624	26224	62408	MBV101071	38285	74469	SPY200555
14163	50347	BMA104638	26225	62409	MBV101083	38286	74470	SPY200556
14164	50348	BMA104651	26226	62410	MBV101106	38287	74471	SPY200561
14165	50349	BMA104672	26227	62411	MBV101126	38288	74472	SPY200564
14166	50350	BMA104676	26228	62412	MBV101130	38289	74473	SPY200565
14167	50351	BMA104683	26229	62413	MBV101134	38290	74474	SPY200567
14168	50352	BMA104685	26230	62414	MBV101140	38291	74475	SPY200571
14169	50353	BMA104709	26231	62415	MBV101152	38292	74476	SPY200572
14170	50354	BMA104738	26232	62416	MBV101153	38293	74477	SPY200574
14171	50355	BMA104764	26233	62417	MBV101154	38294	74478	SPY200576
14172	50356	BMA104769	26234	62418	MBV101159	38295	74479	SPY200577
14173	50357	BMA104773	26235	62419	MBV101161	38296	74480	SPY200581
14174	50358	BMA104789	26236	62420	MBV101167	38297	74481	SPY200583
14175	50359	BMA104805	26237	62421	MBV101169	38298	74482	SPY200584
14176	50360	BMA104809	26238	62422	MBV101174	38299	74483	SPY200591
14177	50361	BMA104829	26239	62423	MBV101177	38300	74484	SPY200593
14178	50362	BMA104846	26240	62424	MBV101184	38301	74485	SPY200595
14179	50363	BMA104857	26241	62425	MBV101185	38302	74486	SPY200596
14180	50364	BMA104868	26242	62426	MBV101203	38303	74487	SPY200597
14181	50365	BMA104881	26243	62427	MBV101231	38304	74488	SPY200598
14182	50366	BMA104886	26244	62428	MBV101237	38305	74489	SPY200599
14183	50367	BMA104937	26245	62429	MBV101239	38306	74490	SPY200600
14184	50368	BMA104956	26246	62430	MBV101240	38307	74491	SPY200601
14185	50369	BMA104958	26247	62431	MBV101241	38308	74492	SPY200602

DNA SeqID	Protein SeqID	Gene LocusID	DNA SeqID	Protein SeqID	Gene LocusID	DNA SeqID	Protein SeqID	Gene LocusID
14186	50370	BMA104959	26248	62432	MBV101244	38309	74493	SPY200604
14187	50371	BMA104976	26249	62433	MBV101245	38310	74494	SPY200610
14188	50372	BMA104977	26250	62434	MBV101247	38311	74495	SPY200611
14189	50373	BMA104981	26251	62435	MBV101254	38312	74496	SPY200612
14190	50374	BMA104982	26252	62436	MBV101262	38313	74497	SPY200619
14191	50375	BMA104983	26253	62437	MBV101271	38314	74498	SPY200620
14192	50376	BMA104986	26254	62438	MBV101273	38315	74499	SPY200625
14193	50377	BMA105016	26255	62439	MBV101274	38316	74500	SPY200626
14194	50378	BMA105025	26256	62440	MBV101278	38317	74501	SPY200631
14195	50379	BMA105033	26257	62441	MBV101279	38318	74502	SPY200632
14196	50380	BMA105038	26258	62442	MBV101291	38319	74503	SPY200633
14197	50381	BMA105040	26259	62443	MBV101299	38320	74504	SPY200637
14198	50382	BMA105063	26260	62444	MBV101310	38321	74505	SPY200638
14199	50383	BMA105070	26261	62445	MBV101313	38322	74506	SPY200644
14200	50384	BMA105073	26262	62446	MBV101315	38323	74507	SPY200645
14201	50385	BMA105078	26263	62447	MBV101316	38324	74508	SPY200647
14202	50386	BMA105116	26264	62448	MBV101317	38325	74509	SPY200652
14203	50387	BMA105131	26265	62449	MBV101327	38326	74510	SPY200653
14204	50388	BMA105147	26266	62450	MBV101328	38327	74511	SPY200654
14205	50389	BMA105152	26267	62451	MBV101339	38328	74512	SPY200655
14206	50390	BMA105160	26268	62452	MBV101353	38329	74513	SPY200657
14207	50391	BMA105198	26269	62453	MBV101363	38330	74514	SPY200658
14208	50392	BMA105211	26270	62454	MBV101368	38331	74515	SPY200660
14209	50393	BMA105219	26271	62455	MBV101369	38332	74516	SPY200663
14210	50394	BMA105222	26272	62456	MBV101380	38333	74517	SPY200673
14211	50395	BMA105225	26273	62457	MBV101390	38334	74518	SPY200678
14212	50396	BMA105226	26274	62458	MBV101398	38335	74519	SPY200679
14213	50397	BMA105236	26275	62459	MBV101411	38336	74520	SPY200680
14214	50398	BMA105246	26276	62460	MBV101416	38337	74521	SPY200681
14215	50399	BMA105262	26277	62461	MBV101431	38338	74522	SPY200682
14216	50400	BMA105276	26278	62462	MBV101440	38339	74523	SPY200684
14217	50401	BMA105285	26279	62463	MBV101452	38340	74524	SPY200686
14218	50402	BMA105286	26280	62464	MBV101453	38341	74525	SPY200689
14219	50403	BMA105289	26281	62465	MBV101462	38342	74526	SPY200696
14220	50404	BMA105302	26282	62466	MBV101465	38343	74527	SPY200723
14221	50405	BMA105321	26283	62467	MBV101482	38344	74528	SPY200749
14222	50406	BMA105326	26284	62468	MBV101484	38345	74529	SPY200759
14223	50407	BMA105364	26285	62469	MBV101485	38346	74530	SPY200766
14224	50408	BMA105366	26286	62470	MBV101495	38347	74531	SPY200769
14225	50409	BMA105369	26287	62471	MBV101502	38348	74532	SPY200771
14226	50410	BMA105381	26288	62472	MBV101505	38349	74533	SPY200774
14227	50411	BMA105405	26289	62473	MBV101523	38350	74534	SPY200775
14228	50412	BMA105406	26290	62474	MBV101525	38351	74535	SPY200776
14229	50413	BMA105419	26291	62475	MBV101526	38352	74536	SPY200777
14230	50414	BMA105422	26292	62476	MBV101527	38353	74537	SPY200778
14231	50415	BMA105447	26293	62477	MBV101530	38354	74538	SPY200781
14232	50416	BMA105472	26294	62478	MBV101535	38355	74539	SPY200782
14233	50417	BMA105475	26295	62479	MBV101537	38356	74540	SPY200784
14234	50418	BMA105484	26296	62480	MBV101549	38357	74541	SPY200785
14235	50419	BMA105498	26297	62481	MBV101554	38358	74542	SPY200807
14236	50420	BMA105524	26298	62482	MBV101555	38359	74543	SPY200809
14237	50421	BMA105530	26299	62483	MBV101558	38360	74544	SPY200812
14238	50422	BMA105539	26300	62484	MBV101586	38361	74545	SPY200813
14239	50423	BMA105613	26301	62485	MBV101598	38362	74546	SPY200814
14240	50424	BMA105621	26302	62486	MBV101604	38363	74547	SPY200815

DNA SeqID	Protein SeqID	Gene LocusID	DNA SeqID	Protein SeqID	Gene LocusID	DNA SeqID	Protein SeqID	Gene LocusID
14241	50425	BMA105680	26303	62487	MBV101605	38364	74548	SPY200825
14242	50426	BMA105687	26304	62488	MBV101607	38365	74549	SPY200831
14243	50427	BMA105697	26305	62489	MBV101609	38366	74550	SPY200833
14244	50428	BMA105698	26306	62490	MBV101627	38367	74551	SPY200834
14245	50429	BMA105726	26307	62491	MBV101628	38368	74552	SPY200838
14246	50430	BMA105727	26308	62492	MBV101633	38369	74553	SPY200840
14247	50431	BMA105732	26309	62493	MBV101638	38370	74554	SPY200845
14248	50432	BMA105735	26310	62494	MBV101639	38371	74555	SPY200848
14249	50433	BMA105750	26311	62495	MBV101640	38372	74556	SPY200855
14250	50434	BMA105767	26312	62496	MBV101641	38373	74557	SPY200856
14251	50435	BMA105777	26313	62497	MBV101642	38374	74558	SPY200857
14252	50436	BMA105812	26314	62498	MBV101643	38375	74559	SPY200858
14253	50437	BMA105820	26315	62499	MBV101665	38376	74560	SPY200859
14254	50438	BMA105823	26316	62500	MBV101674	38377	74561	SPY200861
14255	50439	BMA105826	26317	62501	MBV101680	38378	74562	SPY200862
14256	50440	BMA105857	26318	62502	MBV101684	38379	74563	SPY200867
14257	50441	BMA105859	26319	62503	MBV101707	38380	74564	SPY200868
14258	50442	BMA105923	26320	62504	MBV101709	38381	74565	SPY200869
14259	50443	BMA105933	26321	62505	MBV101736	38382	74566	SPY200872
14260	50444	BMA105956	26322	62506	MBV101739	38383	74567	SPY200879
14261	50445	BMA105964	26323	62507	MBV101758	38384	74568	SPY200880
14262	50446	BMA105967	26324	62508	MBV101766	38385	74569	SPY200883
14263	50447	BMA105976	26325	62509	MBV101812	38386	74570	SPY200885
14264	50448	BMA105986	26326	62510	MBV101815	38387	74571	SPY200887
14265	50449	BMA105987	26327	62511	MBV101835	38388	74572	SPY200888
14266	50450	BMA105998	26328	62512	MBV101858	38389	74573	SPY200890
14267	50451	BMA106009	26329	62513	MBV101864	38390	74574	SPY200895
14268	50452	BMA106019	26330	62514	MBV101876	38391	74575	SPY200896
14269	50453	BMA106049	26331	62515	MBV101882	38392	74576	SPY200907
14270	50454	BMA106052	26332	62516	MBV101887	38393	74577	SPY200908
14271	50455	BMA106069	26333	62517	MBV101890	38394	74578	SPY200913
14272	50456	BMA106091	26334	62518	MBV101892	38395	74579	SPY200915
14273	50457	BMA106098	26335	62519	MBV101894	38396	74580	SPY200916
14274	50458	BMA106126	26336	62520	MBV101896	38397	74581	SPY200917
14275	50459	BMA106132	26337	62521	MBV101906	38398	74582	SPY200919
14276	50460	BMA106139	26338	62522	MBV101946	38399	74583	SPY200920
14277	50461	BMA106142	26339	62523	MBV101949	38400	74584	SPY200930
14278	50462	BMA106155	26340	62524	MBV101961	38401	74585	SPY200931
14279	50463	BMA106167	26341	62525	MBV101962	38402	74586	SPY200932
14280	50464	BMA106168	26342	62526	MBV101965	38403	74587	SPY200933
14281	50465	BMA106181	26343	62527	MBV101967	38404	74588	SPY200934
14282	50466	BMA106189	26344	62528	MBV101975	38405	74589	SPY200938
14283	50467	BMA106204	26345	62529	MBV101982	38406	74590	SPY200940
14284	50468	BMA106211	26346	62530	MBV101983	38407	74591	SPY200944
14285	50469	BMA106222	26347	62531	MBV101993	38408	74592	SPY200945
14286	50470	BMA106224	26348	62532	MBV102006	38409	74593	SPY200946
14287	50471	BMA106229	26349	62533	MBV102008	38410	74594	SPY200949
14288	50472	BMA106255	26350	62534	MBV102010	38411	74595	SPY200951
14289	50473	BMA106256	26351	62535	MBV102011	38412	74596	SPY200954
14290	50474	BMA106265	26352	62536	MBV102018	38413	74597	SPY200960
14291	50475	BMA106266	26353	62537	MBV102031	38414	74598	SPY200961
14292	50476	BMA106268	26354	62538	MBV102034	38415	74599	SPY200963
14293	50477	BMA106271	26355	62539	MBV102038	38416	74600	SPY200970
14294	50478	BMA106277	26356	62540	MBV102040	38417	74601	SPY200972
14295	50479	BMA106285	26357	62541	MBV102041	38418	74602	SPY200974

DNA SeqID	Protein SeqID	Gene LocusID	DNA SeqID	Protein SeqID	Gene LocusID	DNA SeqID	Protein SeqID	Gene LocusID
14296	50480	BMA106286	26358	62542	MBV102042	38419	74603	SPY200975
14297	50481	BMA106290	26359	62543	MBV102043	38420	74604	SPY200983
14298	50482	BMA106298	26360	62544	MBV102049	38421	74605	SPY200985
14299	50483	BMA106301	26361	62545	MBV102059	38422	74606	SPY200986
14300	50484	BMA106305	26362	62546	MBV102077	38423	74607	SPY200987
14301	50485	BMA106321	26363	62547	MBV102079	38424	74608	SPY200989
14302	50486	BMA106380	26364	62548	MBV102102	38425	74609	SPY200996
14303	50487	BMA106390	26365	62549	MBV102118	38426	74610	SPY201005
14304	50488	BMA106393	26366	62550	MBV102120	38427	74611	SPY201006
14305	50489	BMA106404	26367	62551	MBV102135	38428	74612	SPY201011
14306	50490	BMA106412	26368	62552	MBV102144	38429	74613	SPY201019
14307	50491	BMA106450	26369	62553	MBV102145	38430	74614	SPY201020
14308	50492	BMA106451	26370	62554	MBV102147	38431	74615	SPY201023
14309	50493	BMA106456	26371	62555	MBV102150	38432	74616	SPY201024
14310	50494	BMA106459	26372	62556	MBV102152	38433	74617	SPY201025
14311	50495	BMA106471	26373	62557	MBV102153	38434	74618	SPY201026
14312	50496	BMA106473	26374	62558	MBV102154	38435	74619	SPY201027
14313	50497	BMA106479	26375	62559	MBV102159	38436	74620	SPY201028
14314	50498	BMA106485	26376	62560	MBV102164	38437	74621	SPY201033
14315	50499	BMA106486	26377	62561	MBV102165	38438	74622	SPY201041
14316	50500	BMA106487	26378	62562	MBV102172	38439	74623	SPY201042
14317	50501	BMA106496	26379	62563	MBV102185	38440	74624	SPY201046
14318	50502	BMA106564	26380	62564	MBV102187	38441	74625	SPY201053
14319	50503	BMA106567	26381	62565	MBV102190	38442	74626	SPY201054
14320	50504	BMA106574	26382	62566	MBV102204	38443	74627	SPY201055
14321	50505	BMA106581	26383	62567	MBV102230	38444	74628	SPY201058
14322	50506	BMA106590	26384	62568	MBV102255	38445	74629	SPY201063
14323	50507	BMA106607	26385	62569	MBV102260	38446	74630	SPY201070
14324	50508	BMA106616	26386	62570	MBV102277	38447	74631	SPY201071
14325	50509	BMA106620	26387	62571	MBV102280	38448	74632	SPY201080
14326	50510	BMA106660	26388	62572	MBV102282	38449	74633	SPY201083
14327	50511	BMA106672	26389	62573	MBV102283	38450	74634	SPY201084
14328	50512	BMA106679	26390	62574	MBV102284	38451	74635	SPY201085
14329	50513	BMA106683	26391	62575	MBV102285	38452	74636	SPY201087
14330	50514	BMA106687	26392	62576	MBV102286	38453	74637	SPY201088
14331	50515	BMA106704	26393	62577	MBV102292	38454	74638	SPY201089
14332	50516	BMA106711	26394	62578	MBV102295	38455	74639	SPY201103
14333	50517	BMA106771	26395	62579	MBV102296	38456	74640	SPY201144
14334	50518	BMA106790	26396	62580	MBV102299	38457	74641	SPY201146
14335	50519	BMA106800	26397	62581	MBV102300	38458	74642	SPY201152
14336	50520	BMA106812	26398	62582	MBV102301	38459	74643	SPY201154
14337	50521	BMA106830	26399	62583	MBV102303	38460	74644	SPY201161
14338	50522	BMA106841	26400	62584	MBV102319	38461	74645	SPY201162
14339	50523	BMA106854	26401	62585	MBV102321	38462	74646	SPY201164
14340	50524	BMA106862	26402	62586	MBV102332	38463	74647	SPY201165
14341	50525	BMA106909	26403	62587	MBV102338	38464	74648	SPY201168
14342	50526	BMA106913	26404	62588	MBV102346	38465	74649	SPY201169
14343	50527	BMA106924	26405	62589	MBV102351	38466	74650	SPY201170
14344	50528	BMA106934	26406	62590	MBV102356	38467	74651	SPY201171
14345	50529	BMA106945	26407	62591	MBV102357	38468	74652	SPY201172
14346	50530	BMA106949	26408	62592	MBV102362	38469	74653	SPY201173
14347	50531	BMA106985	26409	62593	MBV102363	38470	74654	SPY201174
14348	50532	BMA106998	26410	62594	MBV102364	38471	74655	SPY201176
14349	50533	BMA106999	26411	62595	MBV102365	38472	74656	SPY201177
14350	50534	BMA107004	26412	62596	MBV102370	38473	74657	SPY201178

DNA SeqID	Protein SeqID	Gene LocusID	DNA SeqID	Protein SeqID	Gene LocusID	DNA SeqID	Protein SeqID	Gene LocusID
14351	50535	BMA107024	26413	62597	MBV102374	38474	74658	SPY201180
14352	50536	BMA107036	26414	62598	MBV102375	38475	74659	SPY201183
14353	50537	BMA107037	26415	62599	MBV102380	38476	74660	SPY201189
14354	50538	BMA107039	26416	62600	MBV102382	38477	74661	SPY201191
14355	50539	BMA107045	26417	62601	MBV102391	38478	74662	SPY201192
14356	50540	BMA107058	26418	62602	MBV102396	38479	74663	SPY201210
14357	50541	BMA107078	26419	62603	MBV102400	38480	74664	SPY201217
14358	50542	BMA107083	26420	62604	MBV102407	38481	74665	SPY201222
14359	50543	BMA107095	26421	62605	MBV102420	38482	74666	SPY201225
14360	50544	BMA107107	26422	62606	MBV102427	38483	74667	SPY201239
14361	50545	BMA107144	26423	62607	MBV102431	38484	74668	SPY201246
14362	50546	BMA107156	26424	62608	MBV102452	38485	74669	SPY201249
14363	50547	BMA107161	26425	62609	MBV102463	38486	74670	SPY201251
14364	50548	BMA107163	26426	62610	MBV102473	38487	74671	SPY201253
14365	50549	BMA107174	26427	62611	MBV102482	38488	74672	SPY201258
14366	50550	BMA107179	26428	62612	MBV102489	38489	74673	SPY201260
14367	50551	BMA107182	26429	62613	MBV102501	38490	74674	SPY201268
14368	50552	BMA107188	26430	62614	MBV102520	38491	74675	SPY201271
14369	50553	BMA107189	26431	62615	MBV102540	38492	74676	SPY201273
14370	50554	BMA107198	26432	62616	MBV102542	38493	74677	SPY201274
14371	50555	BMA107217	26433	62617	MBV102555	38494	74678	SPY201279
14372	50556	BMA107218	26434	62618	MBV102577	38495	74679	SPY201280
14373	50557	BMA107258	26435	62619	MBV102582	38496	74680	SPY201281
14374	50558	BMA107260	26436	62620	MBV102602	38497	74681	SPY201282
14375	50559	BMA107268	26437	62621	MBV102605	38498	74682	SPY201283
14376	50560	BMA107273	26438	62622	MBV102613	38499	74683	SPY201284
14377	50561	BMA107275	26439	62623	MBV102614	38500	74684	SPY201289
14378	50562	BMA107339	26440	62624	MBV102618	38501	74685	SPY201293
14379	50563	BMA107341	26441	62625	MBV102622	38502	74686	SPY201295
14380	50564	BMA107343	26442	62626	MBV102634	38503	74687	SPY201298
14381	50565	BMA107358	26443	62627	MBV102643	38504	74688	SPY201299
14382	50566	BMA107387	26444	62628	MBV102645	38505	74689	SPY201302
14383	50567	BMA107390	26445	62629	MBV102675	38506	74690	SPY201303
14384	50568	BMA107401	26446	62630	MBV102693	38507	74691	SPY201309
14385	50569	BMA107414	26447	62631	MBV102694	38508	74692	SPY201310
14386	50570	BMA107415	26448	62632	MBV102695	38509	74693	SPY201317
14387	50571	BMA107416	26449	62633	MBV102718	38510	74694	SPY201321
14388	50572	BMA107419	26450	62634	MBV102731	38511	74695	SPY201324
14389	50573	BMA107429	26451	62635	MBV102765	38512	74696	SPY201327
14390	50574	BMA107444	26452	62636	MBV102766	38513	74697	SPY201329
14391	50575	BMA107479	26453	62637	MBV102804	38514	74698	SPY201332
14392	50576	BMA107485	26454	62638	MBV102813	38515	74699	SPY201336
14393	50577	BMA107520	26455	62639	MBV102830	38516	74700	SPY201337
14394	50578	BMA107539	26456	62640	MBV102833	38517	74701	SPY201341
14395	50579	BMA107557	26457	62641	MBV102834	38518	74702	SPY201342
14396	50580	BMA107559	26458	62642	MBV102851	38519	74703	SPY201343
14397	50581	BMA107589	26459	62643	MBV102870	38520	74704	SPY201344
14398	50582	BMA107598	26460	62644	MBV102872	38521	74705	SPY201345
14399	50583	BMA107603	26461	62645	MBV102878	38522	74706	SPY201346
14400	50584	BMA107628	26462	62646	MBV102879	38523	74707	SPY201347
14401	50585	BMA107634	26463	62647	MBV102883	38524	74708	SPY201348
14402	50586	BMA107682	26464	62648	MBV102908	38525	74709	SPY201349
14403	50587	BMA107694	26465	62649	MBV102918	38526	74710	SPY201350
14404	50588	BMA107718	26466	62650	MBV102941	38527	74711	SPY201351
14405	50589	BMA107732	26467	62651	MBV102991	38528	74712	SPY201352

DNA SeqID	Protein SeqID	Gene LocusID	DNA SeqID	Protein SeqID	Gene LocusID	DNA SeqID	Protein SeqID	Gene LocusID
14406	50590	BMA107734	26468	62652	MBV103014	38529	74713	SPY201354
14407	50591	BMA107737	26469	62653	MBV103054	38530	74714	SPY201356
14408	50592	BMA107745	26470	62654	MBV103086	38531	74715	SPY201361
14409	50593	BMA107754	26471	62655	MBV103088	38532	74716	SPY201364
14410	50594	BMA107760	26472	62656	MBV103100	38533	74717	SPY201365
14411	50595	BMA107767	26473	62657	MBV103119	38534	74718	SPY201366
14412	50596	BMA107769	26474	62658	MBV103153	38535	74719	SPY201382
14413	50597	BMA107778	26475	62659	MBV103155	38536	74720	SPY201383
14414	50598	BMA107802	26476	62660	MBV103157	38537	74721	SPY201387
14415	50599	BMA107808	26477	62661	MBV103159	38538	74722	SPY201388
14416	50600	BMA107816	26478	62662	MBV103199	38539	74723	SPY201389
14417	50601	BMA107817	26479	62663	MBV103201	38540	74724	SPY201392
14418	50602	BMA107830	26480	62664	MBV103206	38541	74725	SPY201398
14419	50603	BMA107834	26481	62665	MBV103220	38542	74726	SPY201403
14420	50604	BMA107841	26482	62666	MBV103227	38543	74727	SPY201406
14421	50605	BMA107844	26483	62667	MBV103229	38544	74728	SPY201407
14422	50606	BMA107849	26484	62668	MBV103242	38545	74729	SPY201408
14423	50607	BMA107852	26485	62669	MBV103262	38546	74730	SPY201414
14424	50608	BMA107873	26486	62670	MBV103266	38547	74731	SPY201418
14425	50609	BMA107904	26487	62671	MBV103301	38548	74732	SPY201419
14426	50610	BMA107929	26488	62672	MBV103315	38549	74733	SPY201431
14427	50611	BMA107935	26489	62673	MBV103316	38550	74734	SPY201435
14428	50612	BMA107940	26490	62674	MBV103317	38551	74735	SPY201436
14429	50613	BMA107964	26491	62675	MBV103318	38552	74736	SPY201440
14430	50614	BMA107974	26492	62676	MBV103326	38553	74737	SPY201441
14431	50615	BMA107995	26493	62677	MBV103327	38554	74738	SPY201445
14432	50616	BMA108003	26494	62678	MBV103337	38555	74739	SPY201446
14433	50617	BMA108007	26495	62679	MBV103340	38556	74740	SPY201449
14434	50618	BMA108016	26496	62680	MBV103347	38557	74741	SPY201451
14435	50619	BMA108024	26497	62681	MBV103349	38558	74742	SPY201454
14436	50620	BMA108040	26498	62682	MBV103355	38559	74743	SPY201455
14437	50621	BMA108052	26499	62683	MBV103369	38560	74744	SPY201457
14438	50622	BMA108062	26500	62684	MBV103377	38561	74745	SPY201460
14439	50623	BMA108067	26501	62685	MBV103409	38562	74746	SPY201464
14440	50624	BMA108104	26502	62686	MBV103437	38563	74747	SPY201467
14441	50625	BMA108112	26503	62687	MBV103459	38564	74748	SPY201468
14442	50626	BMA108128	26504	62688	MBV103463	38565	74749	SPY201469
14443	50627	BMA108179	26505	62689	MBV103478	38566	74750	SPY201472
14444	50628	BMA108193	26506	62690	MBV103480	38567	74751	SPY201475
14445	50629	BMA108211	26507	62691	MBV103483	38568	74752	SPY201476
14446	50630	BMA108257	26508	62692	MBV103520	38569	74753	SPY201477
14447	50631	BMA108260	26509	62693	MBV103538	38570	74754	SPY201478
14448	50632	BMA108265	26510	62694	MBV103559	38571	74755	SPY201481
14449	50633	BMA108273	26511	62695	MBV103568	38572	74756	SPY201485
14450	50634	BMA108282	26512	62696	MBV103580	38573	74757	SPY201486
14451	50635	BMA108307	26513	62697	MBV103584	38574	74758	SPY201490
14452	50636	BMA108339	26514	62698	MBV103592	38575	74759	SPY201494
14453	50637	BMA108356	26515	62699	MBV103611	38576	74760	SPY201496
14454	50638	BMA108364	26516	62700	MBV103623	38577	74761	SPY201498
14455	50639	BMA108374	26517	62701	MBV103646	38578	74762	SPY201499
14456	50640	BMA108377	26518	62702	MBV103652	38579	74763	SPY201500
14457	50641	BMA108381	26519	62703	MBV103661	38580	74764	SPY201502
14458	50642	BMA108405	26520	62704	MBV103669	38581	74765	SPY201503
14459	50643	BMA108408	26521	62705	MBV103685	38582	74766	SPY201508
14460	50644	BMA108444	26522	62706	MBV103715	38583	74767	SPY201509

DNA SeqID	Protein SeqID	Gene LocusID	DNA SeqID	Protein SeqID	Gene LocusID	DNA SeqID	Protein SeqID	Gene LocusID
14461	50645	BMA108445	26523	62707	MBV103792	38584	74768	SPY201510
14462	50646	BMA108446	26524	62708	MBV103797	38585	74769	SPY201512
14463	50647	BMA108469	26525	62709	MBV103820	38586	74770	SPY201513
14464	50648	BMA108472	26526	62710	MBV103842	38587	74771	SPY201517
14465	50649	BMA108476	26527	62711	MBV103852	38588	74772	SPY201519
14466	50650	BMA108485	26528	62712	MBV103890	38589	74773	SPY201522
14467	50651	BMA108492	26529	62713	MBV103898	38590	74774	SPY201526
14468	50652	BMA108518	26530	62714	MBV103903	38591	74775	SPY201527
14469	50653	BMA108528	26531	62715	MBV103911	38592	74776	SPY201530
14470	50654	BMA108532	26532	62716	MBV103927	38593	74777	SPY201532
14471	50655	BMA108540	26533	62717	MBV103935	38594	74778	SPY201537
14472	50656	BMA108546	26534	62718	MBV103944	38595	74779	SPY201539
14473	50657	BMA108557	26535	62719	MBV103969	38596	74780	SPY201542
14474	50658	BMA108572	26536	62720	MBV103988	38597	74781	SPY201545
14475	50659	BMA108578	26537	62721	MBV104007	38598	74782	SPY201569
14476	50660	BMA108586	26538	62722	MBV104023	38599	74783	SPY201573
14477	50661	BMA108589	26539	62723	MBV104034	38600	74784	SPY201576
14478	50662	BMA108591	26540	62724	MBV104087	38601	74785	SPY201582
14479	50663	BMA108596	26541	62725	MBV104099	38602	74786	SPY201584
14480	50664	BMA108603	26542	62726	MBV104110	38603	74787	SPY201587
14481	50665	BMA108604	26543	62727	MBV104142	38604	74788	SPY201589
14482	50666	BMA108610	26544	62728	MBV104175	38605	74789	SPY201590
14483	50667	BMA108617	26545	62729	MBV104176	38606	74790	SPY201593
14484	50668	BMA108642	26546	62730	MBV104192	38607	74791	SPY201596
14485	50669	BMA108656	26547	62731	MBV104256	38608	74792	SPY201597
14486	50670	BMA108659	26548	62732	MBV104268	38609	74793	SPY201599
14487	50671	BMA108673	26549	62733	MBV104272	38610	74794	SPY201600
14488	50672	BMA108675	26550	62734	MBV104294	38611	74795	SPY201604
14489	50673	BMA108677	26551	62735	MBV104295	38612	74796	SPY201605
14490	50674	BMA108689	26552	62736	MBV104303	38613	74797	SPY201607
14491	50675	BMA108695	26553	62737	MBV104310	38614	74798	SPY201609
14492	50676	BMA108699	26554	62738	MBV104380	38615	74799	SPY201612
14493	50677	BMA108730	26555	62739	MBV104384	38616	74800	SPY201613
14494	50678	BMA108732	26556	62740	MBV104392	38617	74801	SPY201614
14495	50679	BMA108753	26557	62741	MBV104403	38618	74802	SPY201616
14496	50680	BMA108770	26558	62742	MBV104411	38619	74803	SPY201621
14497	50681	BMA108791	26559	62743	MBV104414	38620	74804	SPY201637
14498	50682	BMA108797	26560	62744	MBV104423	38621	74805	SPY201640
14499	50683	BMA108816	26561	62745	MBV104427	38622	74806	SPY201643
14500	50684	BMA108842	26562	62746	MBV104430	38623	74807	SPY201648
14501	50685	BMA108844	26563	62747	MBV104431	38624	74808	SPY201649
14502	50686	BMA108868	26564	62748	MBV104432	38625	74809	SPY201651
14503	50687	BMA108899	26565	62749	MBV104444	38626	74810	SPY201653
14504	50688	BMA108903	26566	62750	MBV104448	38627	74811	SPY201658
14505	50689	BMA108919	26567	62751	MBV104450	38628	74812	SPY201660
14506	50690	BMA108930	26568	62752	MBV104453	38629	74813	SPY201662
14507	50691	BMA108958	26569	62753	MBV104454	38630	74814	SPY201664
14508	50692	BMA108966	26570	62754	MBV104457	38631	74815	SPY201667
14509	50693	BMA108967	26571	62755	MBV104498	38632	74816	SPY201668
14510	50694	BMA108973	26572	62756	MBV104527	38633	74817	SPY201669
14511	50695	BMA108976	26573	62757	MBV104554	38634	74818	SPY201670
14512	50696	BMA108987	26574	62758	MBV104557	38635	74819	SPY201672
14513	50697	BMA108998	26575	62759	MBV104571	38636	74820	SPY201676
14514	50698	BMA108999	26576	62760	MBV104576	38637	74821	SPY201677
14515	50699	BMA109015	26577	62761	MBV104588	38638	74822	SPY201678

DNA SeqID	Protein SeqID	Gene LocusID	DNA SeqID	Protein SeqID	Gene LocusID	DNA SeqID	Protein SeqID	Gene LocusID
14516	50700	BMA109025	26578	62762	MBV104620	38639	74823	SPY201679
14517	50701	BMA109028	26579	62763	MBV104670	38640	74824	SPY201680
14518	50702	BMA109034	26580	62764	MBV104672	38641	74825	SPY201681
14519	50703	BMA109038	26581	62765	MBV104689	38642	74826	SPY201683
14520	50704	BMA109061	26582	62766	MBV104696	38643	74827	SPY201684
14521	50705	BMA109065	26583	62767	MBV104698	38644	74828	SPY201685
14522	50706	BMA109080	26584	62768	MBV104721	38645	74829	SPY201690
14523	50707	BMA109088	26585	62769	MBV104734	38646	74830	SPY201692
14524	50708	BMA109098	26586	62770	MBV104755	38647	74831	SPY201694
14525	50709	BMA109111	26587	62771	MBV104764	38648	74832	SPY201695
14526	50710	BMA109115	26588	62772	MBV104772	38649	74833	STM100028
14527	50711	BMA109143	26589	62773	MBV104783	38650	74834	STM100029
14528	50712	BMA109153	26590	62774	MBV104788	38651	74835	STM100030
14529	50713	BMA109166	26591	62775	MBV104795	38652	74836	STM100031
14530	50714	BMA109180	26592	62776	MBV104807	38653	74837	STM100032
14531	50715	BMA109188	26593	62777	MBV104826	38654	74838	STM100038
14532	50716	BMA109200	26594	62778	MBV104868	38655	74839	STM100041
14533	50717	BMA109211	26595	62779	MBV104872	38656	74840	STM100042
14534	50718	BMA109222	26596	62780	MBV104961	38657	74841	STM100044
14535	50719	BMA109225	26597	62781	MBV104988	38658	74842	STM100045
14536	50720	BMA109247	26598	62782	MBV105073	38659	74843	STM100053
14537	50721	BMA109275	26599	62783	MBV105077	38660	74844	STM100056
14538	50722	BMA109299	26600	62784	MBV105099	38661	74845	STM100058
14539	50723	BMA109305	26601	62785	MBV105108	38662	74846	STM100061
14540	50724	BMA109316	26602	62786	MBV105112	38663	74847	STM100064
14541	50725	BMA109323	26603	62787	MBV105125	38664	74848	STM100065
14542	50726	BMA109362	26604	62788	MBV105139	38665	74849	STM100071
14543	50727	BMA109379	26605	62789	MBV105140	38666	74850	STM100075
14544	50728	BMA109380	26606	62790	MBV105147	38667	74851	STM100076
14545	50729	BMA109386	26607	62791	MBV105157	38668	74852	STM100084
14546	50730	BMA109392	26608	62792	MBV105172	38669	74853	STM100091
14547	50731	BMA109400	26609	62793	MBV105191	38670	74854	STM100096
14548	50732	BMA109410	26610	62794	MBV105192	38671	74855	STM100098
14549	50733	BMA109411	26611	62795	MBV105206	38672	74856	STM100099
14550	50734	BMA109456	26612	62796	MBV105240	38673	74857	STM100100
14551	50735	BMA109458	26613	62797	MBV105246	38674	74858	STM100110
14552	50736	BMA109462	26614	62798	MBV105249	38675	74859	STM100148
14553	50737	BMA109464	26615	62799	MBV105256	38676	74860	STM100155
14554	50738	BMA109480	26616	62800	MBV105271	38677	74861	STM100156
14555	50739	BMA109485	26617	62801	MBV105275	38678	74862	STM100162
14556	50740	BMA109486	26618	62802	MBV105298	38679	74863	STM100178
14557	50741	BMA109512	26619	62803	MBV105301	38680	74864	STM100205
14558	50742	BMA109515	26620	62804	MBV105322	38681	74865	STM100221
14559	50743	BMA109523	26621	62805	MBV105328	38682	74866	STM100225
14560	50744	BMA109525	26622	62806	MBV105348	38683	74867	STM100236
14561	50745	BMA109531	26623	62807	MBV105349	38684	74868	STM100241
14562	50746	BMA109533	26624	62808	MBV105357	38685	74869	STM100243
14563	50747	BMA109546	26625	62809	MBV105361	38686	74870	STM100259
14564	50748	BMA109566	26626	62810	MBV105368	38687	74871	STM100261
14565	50749	BMA109567	26627	62811	MBV105373	38688	74872	STM100262
14566	50750	BMA109603	26628	62812	MBV105381	38689	74873	STM100287
14567	50751	BMA109607	26629	62813	MBV105382	38690	74874	STM100290
14568	50752	BMA109613	26630	62814	MBV105390	38691	74875	STM100292
14569	50753	BMA109618	26631	62815	MBV105423	38692	74876	STM100295
14570	50754	BMA109620	26632	62816	MBV105470	38693	74877	STM100312

DNA SeqID	Protein SeqID	Gene LocusID	DNA SeqID	Protein SeqID	Gene LocusID	DNA SeqID	Protein SeqID	Gene LocusID
14571	50755	BMA109632	26633	62817	MBV105473	38694	74878	STM100342
14572	50756	BMA109637	26634	62818	MBV105490	38695	74879	STM100343
14573	50757	BMA109643	26635	62819	MBV105500	38696	74880	STM100346
14574	50758	BMA109716	26636	62820	MBV105502	38697	74881	STM100351
14575	50759	BMA109731	26637	62821	MBV105505	38698	74882	STM100357
14576	50760	BMA109746	26638	62822	MBV105506	38699	74883	STM100366
14577	50761	BMA109753	26639	62823	MBV105507	38700	74884	STM100368
14578	50762	BMA109760	26640	62824	MBV105513	38701	74885	STM100369
14579	50763	BMA109792	26641	62825	MBV105517	38702	74886	STM100371
14580	50764	BMA109810	26642	62826	MBV105519	38703	74887	STM100383
14581	50765	BMA109820	26643	62827	MBV105523	38704	74888	STM100395
14582	50766	BMA109843	26644	62828	MBV105525	38705	74889	STM100405
14583	50767	BMA109885	26645	62829	MBV105545	38706	74890	STM100412
14584	50768	BMA109897	26646	62830	MBV105546	38707	74891	STM100417
14585	50769	BMA109903	26647	62831	MBV105548	38708	74892	STM100428
14586	50770	BMA109904	26648	62832	MBV105554	38709	74893	STM100438
14587	50771	BMA109910	26649	62833	MBV105559	38710	74894	STM100439
14588	50772	BMA109935	26650	62834	MBV105572	38711	74895	STM100440
14589	50773	BMA109950	26651	62835	MBV105580	38712	74896	STM100443
14590	50774	BMA109972	26652	62836	MBV105595	38713	74897	STM100447
14591	50775	BMA109988	26653	62837	MBV105615	38714	74898	STM100453
14592	50776	BMA109995	26654	62838	MBV105633	38715	74899	STM100473
14593	50777	BMA110009	26655	62839	MBV105650	38716	74900	STM100485
14594	50778	BMA110016	26656	62840	MBV105653	38717	74901	STM100491
14595	50779	BMA110026	26657	62841	MBV105656	38718	74902	STM100492
14596	50780	BMA110028	26658	62842	MBV105674	38719	74903	STM100496
14597	50781	BMA110031	26659	62843	MBV105699	38720	74904	STM100504
14598	50782	BPT100007	26660	62844	MBV105708	38721	74905	STM100519
14599	50783	BPT100009	26661	62845	MBV105727	38722	74906	STM100530
14600	50784	BPT100010	26662	62846	MBV105746	38723	74907	STM100531
14601	50785	BPT100012	26663	62847	MBV105752	38724	74908	STM100532
14602	50786	BPT100013	26664	62848	MBV105819	38725	74909	STM100533
14603	50787	BPT100014	26665	62849	MBV105820	38726	74910	STM100542
14604	50788	BPT100015	26666	62850	MBV105826	38727	74911	STM100544
14605	50789	BPT100016	26667	62851	MBV105847	38728	74912	STM100550
14606	50790	BPT100020	26668	62852	MBV105866	38729	74913	STM100555
14607	50791	BPT100027	26669	62853	MBV105868	38730	74914	STM100558
14608	50792	BPT100036	26670	62854	MBV105886	38731	74915	STM100571
14609	50793	BPT100037	26671	62855	MBV105902	38732	74916	STM100573
14610	50794	BPT100038	26672	62856	MBV105903	38733	74917	STM100577
14611	50795	BPT100041	26673	62857	MBV105909	38734	74918	STM100579
14612	50796	BPT100043	26674	62858	MBV105923	38735	74919	STM100595
14613	50797	BPT100044	26675	62859	MBV106082	38736	74920	STM100598
14614	50798	BPT100046	26676	62860	MBV106113	38737	74921	STM100599
14615	50799	BPT100048	26677	62861	MBV106116	38738	74922	STM100605
14616	50800	BPT100050	26678	62862	MBV106174	38739	74923	STM100616
14617	50801	BPT100051	26679	62863	MBV106184	38740	74924	STM100618
14618	50802	BPT100055	26680	62864	MBV106185	38741	74925	STM100624
14619	50803	BPT100056	26681	62865	MBV106196	38742	74926	STM100644
14620	50804	BPT100078	26682	62866	MBV106198	38743	74927	STM100645
14621	50805	BPT100080	26683	62867	MBV106229	38744	74928	STM100647
14622	50806	BPT100083	26684	62868	MBV106232	38745	74929	STM100648
14623	50807	BPT100086	26685	62869	MBV106246	38746	74930	STM100668
14624	50808	BPT100089	26686	62870	MBV106247	38747	74931	STM100673
14625	50809	BPT100094	26687	62871	MBV106260	38748	74932	STM100679

DNA SeqID	Protein SeqID	Gene LocusID	DNA SeqID	Protein SeqID	Gene LocusID	DNA SeqID	Protein SeqID	Gene LocusID
14626	50810	BPT100111	26688	62872	MBV106261	38749	74933	STM100698
14627	50811	BPT100114	26689	62873	MBV106263	38750	74934	STM100744
14628	50812	BPT100117	26690	62874	MCA100007	38751	74935	STM100755
14629	50813	BPT100120	26691	62875	MCA100009	38752	74936	STM100785
14630	50814	BPT100121	26692	62876	MCA100016	38753	74937	STM100815
14631	50815	BPT100124	26693	62877	MCA100019	38754	74938	STM100818
14632	50816	BPT100131	26694	62878	MCA100037	38755	74939	STM100837
14633	50817	BPT100134	26695	62879	MCA100038	38756	74940	STM100853
14634	50818	BPT100139	26696	62880	MCA100043	38757	74941	STM100858
14635	50819	BPT100142	26697	62881	MCA100045	38758	74942	STM100867
14636	50820	BPT100171	26698	62882	MCA100048	38759	74943	STM100870
14637	50821	BPT100181	26699	62883	MCA100065	38760	74944	STM100872
14638	50822	BPT100185	26700	62884	MCA100073	38761	74945	STM100875
14639	50823	BPT100190	26701	62885	MCA100082	38762	74946	STM100888
14640	50824	BPT100195	26702	62886	MCA100084	38763	74947	STM100894
14641	50825	BPT100197	26703	62887	MCA100086	38764	74948	STM100906
14642	50826	BPT100200	26704	62888	MCA100095	38765	74949	STM100915
14643	50827	BPT100204	26705	62889	MCA100098	38766	74950	STM100930
14644	50828	BPT100209	26706	62890	MCA100105	38767	74951	STM100933
14645	50829	BPT100211	26707	62891	MCA100109	38768	74952	STM100940
14646	50830	BPT100212	26708	62892	MCA100120	38769	74953	STM100965
14647	50831	BPT100219	26709	62893	MCA100121	38770	74954	STM100985
14648	50832	BPT100226	26710	62894	MCA100127	38771	74955	STM100987
14649	50833	BPT100242	26711	62895	MCA100137	38772	74956	STM100988
14650	50834	BPT100243	26712	62896	MCA100140	38773	74957	STM101000
14651	50835	BPT100246	26713	62897	MCA100141	38774	74958	STM101003
14652	50836	BPT100248	26714	62898	MCA100147	38775	74959	STM101004
14653	50837	BPT100250	26715	62899	MCA100153	38776	74960	STM101008
14654	50838	BPT100252	26716	62900	MCA100154	38777	74961	STM101010
14655	50839	BPT100256	26717	62901	MCA100155	38778	74962	STM101011
14656	50840	BPT100257	26718	62902	MCA100157	38779	74963	STM101019
14657	50841	BPT100260	26719	62903	MCA100158	38780	74964	STM101022
14658	50842	BPT100261	26720	62904	MCA100159	38781	74965	STM101036
14659	50843	BPT100264	26721	62905	MCA100160	38782	74966	STM101037
14660	50844	BPT100275	26722	62906	MCA100162	38783	74967	STM101038
14661	50845	BPT100276	26723	62907	MCA100181	38784	74968	STM101058
14662	50846	BPT100278	26724	62908	MCA100182	38785	74969	STM101083
14663	50847	BPT100284	26725	62909	MCA100190	38786	74970	STM101084
14664	50848	BPT100285	26726	62910	MCA100196	38787	74971	STM101087
14665	50849	BPT100287	26727	62911	MCA100197	38788	74972	STM101095
14666	50850	BPT100288	26728	62912	MCA100198	38789	74973	STM101102
14667	50851	BPT100292	26729	62913	MCA100203	38790	74974	STM101106
14668	50852	BPT100293	26730	62914	MCA100218	38791	74975	STM101111
14669	50853	BPT100299	26731	62915	MCA100219	38792	74976	STM101124
14670	50854	BPT100319	26732	62916	MCA100220	38793	74977	STM101128
14671	50855	BPT100336	26733	62917	MCA100223	38794	74978	STM101130
14672	50856	BPT100337	26734	62918	MCA100227	38795	74979	STM101142
14673	50857	BPT100358	26735	62919	MCA100230	38796	74980	STM101187
14674	50858	BPT100362	26736	62920	MCA100231	38797	74981	STM101198
14675	50859	BPT100366	26737	62921	MCA100232	38798	74982	STM101233
14676	50860	BPT100372	26738	62922	MCA100242	38799	74983	STM101235
14677	50861	BPT100384	26739	62923	MCA100248	38800	74984	STM101237
14678	50862	BPT100393	26740	62924	MCA100249	38801	74985	STM101254
14679	50863	BPT100396	26741	62925	MCA100250	38802	74986	STM101260
14680	50864	BPT100398	26742	62926	MCA100251	38803	74987	STM101264

DNA SeqID	Protein SeqID	Gene LocusID	DNA SeqID	Protein SeqID	Gene LocusID	DNA SeqID	Protein SeqID	Gene LocusID
14681	50865	BPT100402	26743	62927	MCA100252	38804	74988	STM101266
14682	50866	BPT100403	26744	62928	MCA100253	38805	74989	STM101268
14683	50867	BPT100429	26745	62929	MCA100254	38806	74990	STM101271
14684	50868	BPT100432	26746	62930	MCA100257	38807	74991	STM101280
14685	50869	BPT100434	26747	62931	MCA100258	38808	74992	STM101284
14686	50870	BPT100444	26748	62932	MCA100273	38809	74993	STM101286
14687	50871	BPT100447	26749	62933	MCA100276	38810	74994	STM101289
14688	50872	BPT100453	26750	62934	MCA100281	38811	74995	STM101292
14689	50873	BPT100457	26751	62935	MCA100290	38812	74996	STM101295
14690	50874	BPT100459	26752	62936	MCA100296	38813	74997	STM101299
14691	50875	BPT100463	26753	62937	MCA100302	38814	74998	STM101302
14692	50876	BPT100464	26754	62938	MCA100312	38815	74999	STM101311
14693	50877	BPT100469	26755	62939	MCA100313	38816	75000	STM101314
14694	50878	BPT100477	26756	62940	MCA100324	38817	75001	STM101317
14695	50879	BPT100481	26757	62941	MCA100329	38818	75002	STM101319
14696	50880	BPT100486	26758	62942	MCA100331	38819	75003	STM101320
14697	50881	BPT100489	26759	62943	MCA100336	38820	75004	STM101329
14698	50882	BPT100493	26760	62944	MCA100338	38821	75005	STM101333
14699	50883	BPT100503	26761	62945	MCA100346	38822	75006	STM101336
14700	50884	BPT100507	26762	62946	MCA100347	38823	75007	STM101344
14701	50885	BPT100513	26763	62947	MCA100348	38824	75008	STM101349
14702	50886	BPT100515	26764	62948	MCA100353	38825	75009	STM101354
14703	50887	BPT100527	26765	62949	MCA100365	38826	75010	STM101370
14704	50888	BPT100529	26766	62950	MCA100366	38827	75011	STM101373
14705	50889	BPT100530	26767	62951	MCA100377	38828	75012	STM101376
14706	50890	BPT100533	26768	62952	MCA100378	38829	75013	STM101386
14707	50891	BPT100535	26769	62953	MCA100381	38830	75014	STM101389
14708	50892	BPT100541	26770	62954	MCA100389	38831	75015	STM101392
14709	50893	BPT100546	26771	62955	MCA100390	38832	75016	STM101401
14710	50894	BPT100548	26772	62956	MCA100395	38833	75017	STM101403
14711	50895	BPT100554	26773	62957	MCA100396	38834	75018	STM101419
14712	50896	BPT100571	26774	62958	MCA100406	38835	75019	STM101426
14713	50897	BPT100580	26775	62959	MCA100410	38836	75020	STM101429
14714	50898	BPT100584	26776	62960	MCA100416	38837	75021	STM101441
14715	50899	BPT100588	26777	62961	MCA100423	38838	75022	STM101443
14716	50900	BPT100611	26778	62962	MCA100424	38839	75023	STM101478
14717	50901	BPT100615	26779	62963	MCA100425	38840	75024	STM101479
14718	50902	BPT100617	26780	62964	MCA100426	38841	75025	STM101482
14719	50903	BPT100623	26781	62965	MCA100427	38842	75026	STM101489
14720	50904	BPT100625	26782	62966	MCA100437	38843	75027	STM101492
14721	50905	BPT100629	26783	62967	MCA100438	38844	75028	STM101499
14722	50906	BPT100632	26784	62968	MCA100440	38845	75029	STM101551
14723	50907	BPT100635	26785	62969	MCA100454	38846	75030	STM101571
14724	50908	BPT100646	26786	62970	MCA100461	38847	75031	STM101572
14725	50909	BPT100647	26787	62971	MCA100464	38848	75032	STM101595
14726	50910	BPT100654	26788	62972	MCA100465	38849	75033	STM101597
14727	50911	BPT100657	26789	62973	MCA100471	38850	75034	STM101603
14728	50912	BPT100671	26790	62974	MCA100472	38851	75035	STM101606
14729	50913	BPT100672	26791	62975	MCA100475	38852	75036	STM101609
14730	50914	BPT100673	26792	62976	MCA100476	38853	75037	STM101620
14731	50915	BPT100681	26793	62977	MCA100478	38854	75038	STM101623
14732	50916	BPT100686	26794	62978	MCA100479	38855	75039	STM101632
14733	50917	BPT100689	26795	62979	MCA100484	38856	75040	STM101645
14734	50918	BPT100693	26796	62980	MCA100488	38857	75041	STM101647
14735	50919	BPT100695	26797	62981	MCA100490	38858	75042	STM101649

DNA SeqID	Protein SeqID	Gene LocusID	DNA SeqID	Protein SeqID	Gene LocusID	DNA SeqID	Protein SeqID	Gene LocusID
14736	50920	BPT100698	26798	62982	MCA100492	38859	75043	STM101667
14737	50921	BPT100700	26799	62983	MCA100493	38860	75044	STM101669
14738	50922	BPT100702	26800	62984	MCA100501	38861	75045	STM101672
14739	50923	BPT100703	26801	62985	MCA100516	38862	75046	STM101673
14740	50924	BPT100709	26802	62986	MCA100523	38863	75047	STM101679
14741	50925	BPT100713	26803	62987	MCA100527	38864	75048	STM101682
14742	50926	BPT100719	26804	62988	MCA100528	38865	75049	STM101688
14743	50927	BPT100743	26805	62989	MCA100529	38866	75050	STM101689
14744	50928	BPT100744	26806	62990	MCA100542	38867	75051	STM101734
14745	50929	BPT100746	26807	62991	MCA100556	38868	75052	STM101744
14746	50930	BPT100756	26808	62992	MCA100557	38869	75053	STM101769
14747	50931	BPT100758	26809	62993	MCA100559	38870	75054	STM101784
14748	50932	BPT100765	26810	62994	MCA100560	38871	75055	STM101795
14749	50933	BPT100780	26811	62995	MCA100561	38872	75056	STM101797
14750	50934	BPT100783	26812	62996	MCA100562	38873	75057	STM101808
14751	50935	BPT100784	26813	62997	MCA100567	38874	75058	STM101814
14752	50936	BPT100787	26814	62998	MCA100569	38875	75059	STM101822
14753	50937	BPT100790	26815	62999	MCA100571	38876	75060	STM101827
14754	50938	BPT100791	26816	63000	MCA100584	38877	75061	STM101842
14755	50939	BPT100797	26817	63001	MCA100597	38878	75062	STM101851
14756	50940	BPT100802	26818	63002	MCA100598	38879	75063	STM101854
14757	50941	BPT100805	26819	63003	MCA100604	38880	75064	STM101859
14758	50942	BPT100807	26820	63004	MCA100612	38881	75065	STM101862
14759	50943	BPT100810	26821	63005	MCA100618	38882	75066	STM101870
14760	50944	BPT100811	26822	63006	MCA100619	38883	75067	STM101879
14761	50945	BPT100813	26823	63007	MCA100620	38884	75068	STM101882
14762	50946	BPT100814	26824	63008	MCA100628	38885	75069	STM101885
14763	50947	BPT100821	26825	63009	MCA100629	38886	75070	STM101897
14764	50948	BPT100829	26826	63010	MCA100630	38887	75071	STM101920
14765	50949	BPT100831	26827	63011	MCA100631	38888	75072	STM101947
14766	50950	BPT100834	26828	63012	MCA100632	38889	75073	STM101956
14767	50951	BPT100841	26829	63013	MCA100637	38890	75074	STM101972
14768	50952	BPT100842	26830	63014	MCA100651	38891	75075	STM101984
14769	50953	BPT100844	26831	63015	MCA100654	38892	75076	STM101988
14770	50954	BPT100845	26832	63016	MCA100657	38893	75077	STM101990
14771	50955	BPT100846	26833	63017	MCA100667	38894	75078	STM102018
14772	50956	BPT100847	26834	63018	MCA100669	38895	75079	STM102035
14773	50957	BPT100848	26835	63019	MCA100671	38896	75080	STM102039
14774	50958	BPT100849	26836	63020	MCA100679	38897	75081	STM102043
14775	50959	BPT100850	26837	63021	MCA100687	38898	75082	STM102044
14776	50960	BPT100851	26838	63022	MCA100693	38899	75083	STM102049
14777	50961	BPT100852	26839	63023	MCA100694	38900	75084	STM102051
14778	50962	BPT100861	26840	63024	MCA100700	38901	75085	STM102055
14779	50963	BPT100864	26841	63025	MCA100701	38902	75086	STM102056
14780	50964	BPT100865	26842	63026	MCA100711	38903	75087	STM102057
14781	50965	BPT100866	26843	63027	MCA100718	38904	75088	STM102058
14782	50966	BPT100867	26844	63028	MCA100722	38905	75089	STM102060
14783	50967	BPT100868	26845	63029	MCA100738	38906	75090	STM102066
14784	50968	BPT100869	26846	63030	MCA100749	38907	75091	STM102067
14785	50969	BPT100871	26847	63031	MCA100752	38908	75092	STM102069
14786	50970	BPT100872	26848	63032	MCA100755	38909	75093	STM102072
14787	50971	BPT100873	26849	63033	MCA100762	38910	75094	STM102073
14788	50972	BPT100876	26850	63034	MCA100763	38911	75095	STM102120
14789	50973	BPT100880	26851	63035	MCA100766	38912	75096	STM102124
14790	50974	BPT100884	26852	63036	MCA100770	38913	75097	STM102125

DNA SeqID	Protein SeqID	Gene LocusID	DNA SeqID	Protein SeqID	Gene LocusID	DNA SeqID	Protein SeqID	Gene LocusID
14791	50975	BPT100886	26853	63037	MCA100771	38914	75098	STM102133
14792	50976	BPT100891	26854	63038	MCA100772	38915	75099	STM102138
14793	50977	BPT100892	26855	63039	MCA100776	38916	75100	STM102145
14794	50978	BPT100893	26856	63040	MCA100777	38917	75101	STM102148
14795	50979	BPT100894	26857	63041	MCA100778	38918	75102	STM102165
14796	50980	BPT100895	26858	63042	MCA100779	38919	75103	STM102169
14797	50981	BPT100896	26859	63043	MCA100780	38920	75104	STM102195
14798	50982	BPT100897	26860	63044	MCA100781	38921	75105	STM102200
14799	50983	BPT100902	26861	63045	MCA100787	38922	75106	STM102205
14800	50984	BPT100905	26862	63046	MCA100789	38923	75107	STM102228
14801	50985	BPT100907	26863	63047	MCA100794	38924	75108	STM102230
14802	50986	BPT100911	26864	63048	MCA100796	38925	75109	STM102231
14803	50987	BPT100913	26865	63049	MCA100801	38926	75110	STM102232
14804	50988	BPT100915	26866	63050	MCA100802	38927	75111	STM102234
14805	50989	BPT100922	26867	63051	MCA100805	38928	75112	STM102243
14806	50990	BPT100924	26868	63052	MCA100807	38929	75113	STM102259
14807	50991	BPT100926	26869	63053	MCA100812	38930	75114	STM102262
14808	50992	BPT100929	26870	63054	MCA100816	38931	75115	STM102273
14809	50993	BPT100934	26871	63055	MCA100818	38932	75116	STM102277
14810	50994	BPT100938	26872	63056	MCA100819	38933	75117	STM102282
14811	50995	BPT100939	26873	63057	MCA100820	38934	75118	STM102305
14812	50996	BPT100941	26874	63058	MCA100821	38935	75119	STM102306
14813	50997	BPT100944	26875	63059	MCA100829	38936	75120	STM102307
14814	50998	BPT100946	26876	63060	MCA100831	38937	75121	STM102309
14815	50999	BPT100949	26877	63061	MCA100833	38938	75122	STM102321
14816	51000	BPT100950	26878	63062	MCA100840	38939	75123	STM102325
14817	51001	BPT100952	26879	63063	MCA100847	38940	75124	STM102354
14818	51002	BPT100964	26880	63064	MCA100862	38941	75125	STM102357
14819	51003	BPT100968	26881	63065	MCA100864	38942	75126	STM102393
14820	51004	BPT100969	26882	63066	MCA100865	38943	75127	STM102408
14821	51005	BPT100971	26883	63067	MCA100866	38944	75128	STM102429
14822	51006	BPT100972	26884	63068	MCA100868	38945	75129	STM102478
14823	51007	BPT100973	26885	63069	MCA100879	38946	75130	STM102482
14824	51008	BPT100982	26886	63070	MCA100880	38947	75131	STM102487
14825	51009	BPT100983	26887	63071	MCA100888	38948	75132	STM102496
14826	51010	BPT100984	26888	63072	MCA100895	38949	75133	STM102500
14827	51011	BPT100985	26889	63073	MCA100897	38950	75134	STM102501
14828	51012	BPT100991	26890	63074	MCA100898	38951	75135	STM102511
14829	51013	BPT100993	26891	63075	MCA100901	38952	75136	STM102557
14830	51014	BPT100995	26892	63076	MCA100913	38953	75137	STM102569
14831	51015	BPT101006	26893	63077	MCA100914	38954	75138	STM102581
14832	51016	BPT101009	26894	63078	MCA100916	38955	75139	STM102603
14833	51017	BPT101013	26895	63079	MCA100917	38956	75140	STM102604
14834	51018	BPT101024	26896	63080	MCA100918	38957	75141	STM102620
14835	51019	BPT101025	26897	63081	MCA100931	38958	75142	STM102646
14836	51020	BPT101027	26898	63082	MCA100934	38959	75143	STM102670
14837	51021	BPT101039	26899	63083	MCA100938	38960	75144	STM102673
14838	51022	BPT101042	26900	63084	MCA100943	38961	75145	STM102682
14839	51023	BPT101052	26901	63085	MCA100944	38962	75146	STM102687
14840	51024	BPT101055	26902	63086	MCA100953	38963	75147	STM102713
14841	51025	BPT101066	26903	63087	MCA100956	38964	75148	STM102717
14842	51026	BPT101079	26904	63088	MCA100961	38965	75149	STM102718
14843	51027	BPT101088	26905	63089	MCA100969	38966	75150	STM102719
14844	51028	BPT101104	26906	63090	MCA100972	38967	75151	STM102720
14845	51029	BPT101105	26907	63091	MCA100979	38968	75152	STM102721

DNA SeqID	Protein SeqID	Gene LocusID	DNA SeqID	Protein SeqID	Gene LocusID	DNA SeqID	Protein SeqID	Gene LocusID
14846	51030	BPT101108	26908	63092	MCA100983	38969	75153	STM102722
14847	51031	BPT101109	26909	63093	MCA100984	38970	75154	STM102723
14848	51032	BPT101110	26910	63094	MCA100998	38971	75155	STM102724
14849	51033	BPT101111	26911	63095	MCA100999	38972	75156	STM102726
14850	51034	BPT101112	26912	63096	MCA101000	38973	75157	STM102728
14851	51035	BPT101113	26913	63097	MCA101001	38974	75158	STM102735
14852	51036	BPT101116	26914	63098	MCA101002	38975	75159	STM102737
14853	51037	BPT101117	26915	63099	MCA101003	38976	75160	STM102743
14854	51038	BPT101119	26916	63100	MCA101004	38977	75161	STM102752
14855	51039	BPT101121	26917	63101	MCA101005	38978	75162	STM102761
14856	51040	BPT101128	26918	63102	MCA101007	38979	75163	STM102772
14857	51041	BPT101129	26919	63103	MCA101008	38980	75164	STM102778
14858	51042	BPT101131	26920	63104	MCA101024	38981	75165	STM102779
14859	51043	BPT101141	26921	63105	MCA101028	38982	75166	STM102790
14860	51044	BPT101142	26922	63106	MCA101042	38983	75167	STM102797
14861	51045	BPT101143	26923	63107	MCA101046	38984	75168	STM102801
14862	51046	BPT101144	26924	63108	MCA101054	38985	75169	STM102807
14863	51047	BPT101145	26925	63109	MCA101061	38986	75170	STM102809
14864	51048	BPT101147	26926	63110	MCA101062	38987	75171	STM102815
14865	51049	BPT101149	26927	63111	MCA101063	38988	75172	STM102826
14866	51050	BPT101152	26928	63112	MCA101080	38989	75173	STM102828
14867	51051	BPT101155	26929	63113	MCA101084	38990	75174	STM102829
14868	51052	BPT101160	26930	63114	MCA101086	38991	75175	STM102832
14869	51053	BPT101163	26931	63115	MCA101090	38992	75176	STM102840
14870	51054	BPT101177	26932	63116	MCA101093	38993	75177	STM102843
14871	51055	BPT101183	26933	63117	MCA101097	38994	75178	STM102857
14872	51056	BPT101186	26934	63118	MCA101098	38995	75179	STM102859
14873	51057	BPT101189	26935	63119	MCA101099	38996	75180	STM102860
14874	51058	BPT101198	26936	63120	MCA101101	38997	75181	STM102862
14875	51059	BPT101199	26937	63121	MCA101104	38998	75182	STM102863
14876	51060	BPT101206	26938	63122	MCA101111	38999	75183	STM102864
14877	51061	BPT101209	26939	63123	MCA101113	39000	75184	STM102875
14878	51062	BPT101227	26940	63124	MCA101114	39001	75185	STM102876
14879	51063	BPT101248	26941	63125	MCA101119	39002	75186	STM102884
14880	51064	BPT101258	26942	63126	MCA101120	39003	75187	STM102886
14881	51065	BPT101280	26943	63127	MCA101122	39004	75188	STM102887
14882	51066	BPT101284	26944	63128	MCA101128	39005	75189	STM102888
14883	51067	BPT101286	26945	63129	MCA101135	39006	75190	STM102889
14884	51068	BPT101287	26946	63130	MCA101138	39007	75191	STM102890
14885	51069	BPT101291	26947	63131	MCA101145	39008	75192	STM102891
14886	51070	BPT101315	26948	63132	MCA101148	39009	75193	STM102892
14887	51071	BPT101318	26949	63133	MCA101150	39010	75194	STM102893
14888	51072	BPT101319	26950	63134	MCA101153	39011	75195	STM102894
14889	51073	BPT101320	26951	63135	MCA101156	39012	75196	STM102897
14890	51074	BPT101328	26952	63136	MCA101163	39013	75197	STM102899
14891	51075	BPT101335	26953	63137	MCA101166	39014	75198	STM102905
14892	51076	BPT101337	26954	63138	MCA101167	39015	75199	STM102920
14893	51077	BPT101343	26955	63139	MCA101168	39016	75200	STM102922
14894	51078	BPT101346	26956	63140	MCA101170	39017	75201	STM102926
14895	51079	BPT101355	26957	63141	MCA101178	39018	75202	STM102957
14896	51080	BPT101368	26958	63142	MCA101185	39019	75203	STM102972
14897	51081	BPT101374	26959	63143	MCA101187	39020	75204	STM102974
14898	51082	BPT101378	26960	63144	MCA101190	39021	75205	STM103004
14899	51083	BPT101379	26961	63145	MCA101196	39022	75206	STM103008
14900	51084	BPT101383	26962	63146	MCA101198	39023	75207	STM103011

DNA SeqID	Protein SeqID	Gene LocusID	DNA SeqID	Protein SeqID	Gene LocusID	DNA SeqID	Protein SeqID	Gene LocusID
14901	51085	BPT101387	26963	63147	MCA101205	39024	75208	STM103015
14902	51086	BPT101390	26964	63148	MCA101206	39025	75209	STM103039
14903	51087	BPT101393	26965	63149	MCA101207	39026	75210	STM103048
14904	51088	BPT101394	26966	63150	MCA101216	39027	75211	STM103062
14905	51089	BPT101397	26967	63151	MCA101228	39028	75212	STM103119
14906	51090	BPT101398	26968	63152	MCA101231	39029	75213	STM103130
14907	51091	BPT101402	26969	63153	MCA101238	39030	75214	STM103140
14908	51092	BPT101404	26970	63154	MCA101240	39031	75215	STM103141
14909	51093	BPT101405	26971	63155	MCA101241	39032	75216	STM103144
14910	51094	BPT101412	26972	63156	MCA101243	39033	75217	STM103149
14911	51095	BPT101413	26973	63157	MCA101251	39034	75218	STM103155
14912	51096	BPT101418	26974	63158	MCA101252	39035	75219	STM103167
14913	51097	BPT101420	26975	63159	MCA101253	39036	75220	STM103175
14914	51098	BPT101422	26976	63160	MCA101259	39037	75221	STM103176
14915	51099	BPT101425	26977	63161	MCA101267	39038	75222	STM103177
14916	51100	BPT101434	26978	63162	MCA101274	39039	75223	STM103181
14917	51101	BPT101439	26979	63163	MCA101278	39040	75224	STM103197
14918	51102	BPT101441	26980	63164	MCA101289	39041	75225	STM103199
14919	51103	BPT101443	26981	63165	MCA101313	39042	75226	STM103201
14920	51104	BPT101446	26982	63166	MCA101332	39043	75227	STM103203
14921	51105	BPT101447	26983	63167	MCA101336	39044	75228	STM103213
14922	51106	BPT101450	26984	63168	MCA101345	39045	75229	STM103214
14923	51107	BPT101457	26985	63169	MCA101347	39046	75230	STM103221
14924	51108	BPT101460	26986	63170	MCA101348	39047	75231	STM103236
14925	51109	BPT101468	26987	63171	MCA101349	39048	75232	STM103244
14926	51110	BPT101485	26988	63172	MCA101372	39049	75233	STM103254
14927	51111	BPT101490	26989	63173	MCA101373	39050	75234	STM103286
14928	51112	BPT101492	26990	63174	MCA101382	39051	75235	STM103300
14929	51113	BPT101495	26991	63175	MCA101384	39052	75236	STM103301
14930	51114	BPT101499	26992	63176	MCA101385	39053	75237	STM103304
14931	51115	BPT101500	26993	63177	MCA101391	39054	75238	STM103352
14932	51116	BPT101508	26994	63178	MCA101397	39055	75239	STM103353
14933	51117	BPT101515	26995	63179	MCA101414	39056	75240	STM103355
14934	51118	BPT101520	26996	63180	MCA101417	39057	75241	STM103357
14935	51119	BPT101552	26997	63181	MCA101422	39058	75242	STM103396
14936	51120	BPT101554	26998	63182	MCA101426	39059	75243	STM103402
14937	51121	BPT101559	26999	63183	MCA101429	39060	75244	STM103417
14938	51122	BPT101569	27000	63184	MCA101440	39061	75245	STM103420
14939	51123	BPT101571	27001	63185	MCA101444	39062	75246	STM103421
14940	51124	BPT101578	27002	63186	MCA101455	39063	75247	STM103422
14941	51125	BPT101584	27003	63187	MCA101464	39064	75248	STM103427
14942	51126	BPT101594	27004	63188	MCA101469	39065	75249	STM103428
14943	51127	BPT101608	27005	63189	MCA101470	39066	75250	STM103445
14944	51128	BPT101610	27006	63190	MCA101479	39067	75251	STM103446
14945	51129	BPT101628	27007	63191	MCA101482	39068	75252	STM103447
14946	51130	BPT101632	27008	63192	MCA101483	39069	75253	STM103448
14947	51131	BPT101634	27009	63193	MCA101495	39070	75254	STM103449
14948	51132	BPT101640	27010	63194	MCA101497	39071	75255	STM103450
14949	51133	BPT101641	27011	63195	MCA101498	39072	75256	STM103452
14950	51134	BPT101655	27012	63196	MCA101505	39073	75257	STM103457
14951	51135	BPT101657	27013	63197	MCA101508	39074	75258	STM103463
14952	51136	BPT101671	27014	63198	MCA101510	39075	75259	STM103468
14953	51137	BPT101673	27015	63199	MCA101518	39076	75260	STM103475
14954	51138	BPT101679	27016	63200	MCA101520	39077	75261	STM103492
14955	51139	BPT101695	27017	63201	MCA101522	39078	75262	STM103496

DNA SeqID	Protein SeqID	Gene LocusID	DNA SeqID	Protein SeqID	Gene LocusID	DNA SeqID	Protein SeqID	Gene LocusID
14956	51140	BPT101697	27018	63202	MCA101523	39079	75263	STM103497
14957	51141	BPT101700	27019	63203	MCA101524	39080	75264	STM103512
14958	51142	BPT101704	27020	63204	MCA101525	39081	75265	STM103526
14959	51143	BPT101706	27021	63205	MCA101528	39082	75266	STM103533
14960	51144	BPT101711	27022	63206	MCA101529	39083	75267	STM103534
14961	51145	BPT101720	27023	63207	MCA101546	39084	75268	STM103540
14962	51146	BPT101723	27024	63208	MCA101549	39085	75269	STM103542
14963	51147	BPT101729	27025	63209	MCA101550	39086	75270	STM103553
14964	51148	BPT101732	27026	63210	MCA101554	39087	75271	STM103556
14965	51149	BPT101741	27027	63211	MCA101556	39088	75272	STM103561
14966	51150	BPT101744	27028	63212	MCA101558	39089	75273	STM103563
14967	51151	BPT101750	27029	63213	MCA101569	39090	75274	STM103564
14968	51152	BPT101752	27030	63214	MCA101582	39091	75275	STM103579
14969	51153	BPT101760	27031	63215	MCA101601	39092	75276	STM103581
14970	51154	BPT101764	27032	63216	MCA101606	39093	75277	STM103582
14971	51155	BPT101774	27033	63217	MCA101618	39094	75278	STM103585
14972	51156	BPT101777	27034	63218	MCA101622	39095	75279	STM103587
14973	51157	BPT101778	27035	63219	MCA101632	39096	75280	STM103588
14974	51158	BPT101787	27036	63220	MCA101636	39097	75281	STM103592
14975	51159	BPT101790	27037	63221	MCA101639	39098	75282	STM103593
14976	51160	BPT101798	27038	63222	MCA101640	39099	75283	STM103595
14977	51161	BPT101799	27039	63223	MCA101641	39100	75284	STM103598
14978	51162	BPT101803	27040	63224	MCA101643	39101	75285	STM103607
14979	51163	BPT101805	27041	63225	MCA101652	39102	75286	STM103613
14980	51164	BPT101815	27042	63226	MCA101655	39103	75287	STM103616
14981	51165	BPT101825	27043	63227	MCA101660	39104	75288	STM103619
14982	51166	BPT101828	27044	63228	MCA101668	39105	75289	STM103622
14983	51167	BPT101834	27045	63229	MCA101670	39106	75290	STM103625
14984	51168	BPT101840	27046	63230	MCA101683	39107	75291	STM103626
14985	51169	BPT101854	27047	63231	MCA101684	39108	75292	STM103627
14986	51170	BPT101857	27048	63232	MCA101686	39109	75293	STM103628
14987	51171	BPT101858	27049	63233	MCA101689	39110	75294	STM103633
14988	51172	BPT101871	27050	63234	MCA101697	39111	75295	STM103634
14989	51173	BPT101875	27051	63235	MCA101703	39112	75296	STM103657
14990	51174	BPT101881	27052	63236	MCA101727	39113	75297	STM103675
14991	51175	BPT101882	27053	63237	MCA101753	39114	75298	STM103679
14992	51176	BPT101897	27054	63238	MCA101758	39115	75299	STM103692
14993	51177	BPT101903	27055	63239	MCA101759	39116	75300	STM103693
14994	51178	BPT101910	27056	63240	MCA101775	39117	75301	STM103706
14995	51179	BPT101914	27057	63241	MCA101811	39118	75302	STM103710
14996	51180	BPT101918	27058	63242	MCA101812	39119	75303	STM103712
14997	51181	BPT101923	27059	63243	MCA101839	39120	75304	STM103734
14998	51182	BPT101928	27060	63244	MCA101840	39121	75305	STM103742
14999	51183	BPT101929	27061	63245	MCA101858	39122	75306	STM103774
15000	51184	BPT101941	27062	63246	MCA101881	39123	75307	STM103776
15001	51185	BPT101953	27063	63247	MCA101882	39124	75308	STM103799
15002	51186	BPT101956	27064	63248	MCA101884	39125	75309	STM103806
15003	51187	BPT101957	27065	63249	MCA101910	39126	75310	STM103807
15004	51188	BPT101959	27066	63250	MCA101920	39127	75311	STM103813
15005	51189	BPT101965	27067	63251	MCA101940	39128	75312	STM103821
15006	51190	BPT101967	27068	63252	MCA101941	39129	75313	STM103830
15007	51191	BPT101969	27069	63253	MCA101946	39130	75314	STM103861
15008	51192	BPT101971	27070	63254	MCA101955	39131	75315	STM103909
15009	51193	BPT101987	27071	63255	MCA101962	39132	75316	STM103910
15010	51194	BPT101994	27072	63256	MCA101964	39133	75317	STM103911

DNA SeqID	Protein SeqID	Gene LocusID	DNA SeqID	Protein SeqID	Gene LocusID	DNA SeqID	Protein SeqID	Gene LocusID
15011	51195	BPT102001	27073	63257	MCA101968	39134	75318	STM103913
15012	51196	BPT102002	27074	63258	MCA101969	39135	75319	STM103916
15013	51197	BPT102003	27075	63259	MCA101980	39136	75320	STM103922
15014	51198	BPT102004	27076	63260	MCA101981	39137	75321	STM103926
15015	51199	BPT102027	27077	63261	MCA101987	39138	75322	STM103952
15016	51200	BPT102032	27078	63262	MCA101994	39139	75323	STM103969
15017	51201	BPT102034	27079	63263	MCA101998	39140	75324	STM104010
15018	51202	BPT102039	27080	63264	MCA102001	39141	75325	STM104011
15019	51203	BPT102040	27081	63265	MCA102006	39142	75326	STM104015
15020	51204	BPT102042	27082	63266	MCA102056	39143	75327	STM104028
15021	51205	BPT102045	27083	63267	MCA102057	39144	75328	STM104044
15022	51206	BPT102059	27084	63268	MCA102058	39145	75329	STM104051
15023	51207	BPT102066	27085	63269	MCA102065	39146	75330	STM104054
15024	51208	BPT102072	27086	63270	MCA102097	39147	75331	STM104067
15025	51209	BPT102076	27087	63271	MCA102101	39148	75332	STM104079
15026	51210	BPT102078	27088	63272	MCA102133	39149	75333	STM104099
15027	51211	BPT102081	27089	63273	MCA102141	39150	75334	STM104115
15028	51212	BPT102085	27090	63274	MCA102158	39151	75335	STM104132
15029	51213	BPT102093	27091	63275	MCA102161	39152	75336	STM104137
15030	51214	BPT102097	27092	63276	MCA102164	39153	75337	STM104138
15031	51215	BPT102100	27093	63277	MCA102165	39154	75338	STM104139
15032	51216	BPT102102	27094	63278	MCA102170	39155	75339	STM104147
15033	51217	BPT102103	27095	63279	MCA102171	39156	75340	STM104153
15034	51218	BPT102115	27096	63280	MCA102180	39157	75341	STM104155
15035	51219	BPT102118	27097	63281	MCA102208	39158	75342	STM104156
15036	51220	BPT102123	27098	63282	MCA102216	39159	75343	STM104158
15037	51221	BPT102136	27099	63283	MCA102218	39160	75344	STM104159
15038	51222	BPT102142	27100	63284	MCA102219	39161	75345	STM104165
15039	51223	BPT102145	27101	63285	MCA102220	39162	75346	STM104197
15040	51224	BPT102162	27102	63286	MCA102246	39163	75347	STM104200
15041	51225	BPT102166	27103	63287	MCA102257	39164	75348	STM104214
15042	51226	BPT102181	27104	63288	MCA102268	39165	75349	STM104218
15043	51227	BPT102188	27105	63289	MCA102273	39166	75350	STM104228
15044	51228	BPT102193	27106	63290	MCA102285	39167	75351	STM104238
15045	51229	BPT102211	27107	63291	MCA102320	39168	75352	STM104272
15046	51230	BPT102213	27108	63292	MCA102321	39169	75353	STM104274
15047	51231	BPT102214	27109	63293	MCA102322	39170	75354	STM104294
15048	51232	BPT102215	27110	63294	MCA102336	39171	75355	STM104297
15049	51233	BPT102222	27111	63295	MCA102344	39172	75356	STM104306
15050	51234	BPT102223	27112	63296	MCA102350	39173	75357	STM104307
15051	51235	BPT102230	27113	63297	MCA102353	39174	75358	STM104320
15052	51236	BPT102239	27114	63298	MCA102378	39175	75359	STM104325
15053	51237	BPT102256	27115	63299	MCA102416	39176	75360	STM104343
15054	51238	BPT102265	27116	63300	MCA102435	39177	75361	STM104345
15055	51239	BPT102269	27117	63301	MCA102436	39178	75362	STM104352
15056	51240	BPT102270	27118	63302	MCA102445	39179	75363	STM104358
15057	51241	BPT102294	27119	63303	MCA102471	39180	75364	STM104443
15058	51242	BPT102297	27120	63304	MCA102484	39181	75365	STM104445
15059	51243	BPT102300	27121	63305	MCA102486	39182	75366	STM104529
15060	51244	BPT102310	27122	63306	MCA102664	39183	75367	STM104546
15061	51245	BPT102315	27123	63307	MCA102703	39184	75368	STM104609
15062	51246	BPT102318	27124	63308	MCA102709	39185	75369	STM104752
15063	51247	BPT102322	27125	63309	MCA102746	39186	75370	STM104793
15064	51248	BPT102324	27126	63310	MCA102758	39187	75371	STM104876
15065	51249	BPT102335	27127	63311	MCA102759	39188	75372	STM105235

DNA SeqID	Protein SeqID	Gene LocusID	DNA SeqID	Protein SeqID	Gene LocusID	DNA SeqID	Protein SeqID	Gene LocusID
15066	51250	BPT102346	27128	63312	MCA102793	39189	75373	STM106756
15067	51251	BPT102350	27129	63313	MCA102816	39190	75374	STM106921
15068	51252	BPT102354	27130	63314	MCA102830	39191	75375	STM107215
15069	51253	BPT102361	27131	63315	MCA102831	39192	75376	STY100087
15070	51254	BPT102363	27132	63316	MCA102847	39193	75377	STY100108
15071	51255	BPT102384	27133	63317	MCA102858	39194	75378	STY100327
15072	51256	BPT102386	27134	63318	MCA102862	39195	75379	STY100328
15073	51257	BPT102398	27135	63319	MCA102864	39196	75380	STY100333
15074	51258	BPT102402	27136	63320	MCA102901	39197	75381	STY100337
15075	51259	BPT102404	27137	63321	MCA102911	39198	75382	STY100339
15076	51260	BPT102405	27138	63322	MCA102916	39199	75383	STY100345
15077	51261	BPT102408	27139	63323	MCA102941	39200	75384	STY100347
15078	51262	BPT102422	27140	63324	MCA102956	39201	75385	STY100354
15079	51263	BPT102423	27141	63325	MCA102959	39202	75386	STY100355
15080	51264	BPT102427	27142	63326	MCA102969	39203	75387	STY100357
15081	51265	BPT102433	27143	63327	MCA102972	39204	75388	STY100358
15082	51266	BPT102439	27144	63328	MCA102985	39205	75389	STY100361
15083	51267	BPT102450	27145	63329	MCA103022	39206	75390	STY100363
15084	51268	BPT102451	27146	63330	MCA103023	39207	75391	STY100365
15085	51269	BPT102468	27147	63331	MCA103036	39208	75392	STY100368
15086	51270	BPT102469	27148	63332	MCA103062	39209	75393	STY100371
15087	51271	BPT102470	27149	63333	MCA103068	39210	75394	STY100375
15088	51272	BPT102473	27150	63334	MCA103082	39211	75395	STY100378
15089	51273	BPT102476	27151	63335	MCA103090	39212	75396	STY100380
15090	51274	BPT102482	27152	63336	MCA103094	39213	75397	STY100383
15091	51275	BPT102486	27153	63337	MCA103113	39214	75398	STY100387
15092	51276	BPT102489	27154	63338	MCA103114	39215	75399	STY100388
15093	51277	BPT102493	27155	63339	MCA103117	39216	75400	STY100389
15094	51278	BPT102499	27156	63340	MCA103128	39217	75401	STY100390
15095	51279	BPT102505	27157	63341	MCA103134	39218	75402	STY100393
15096	51280	BPT102507	27158	63342	MCA103135	39219	75403	STY100394
15097	51281	BPT102508	27159	63343	MCA103136	39220	75404	STY100399
15098	51282	BPT102509	27160	63344	MCA103138	39221	75405	STY100404
15099	51283	BPT102519	27161	63345	MCA103142	39222	75406	STY100405
15100	51284	BPT102527	27162	63346	MCA103158	39223	75407	STY100406
15101	51285	BPT102537	27163	63347	MCA103163	39224	75408	STY100410
15102	51286	BPT102546	27164	63348	MCA103171	39225	75409	STY100416
15103	51287	BPT102555	27165	63349	MCA103178	39226	75410	STY100420
15104	51288	BPT102556	27166	63350	MCA103188	39227	75411	STY100423
15105	51289	BPT102557	27167	63351	MCA103209	39228	75412	STY100425
15106	51290	BPT102559	27168	63352	MCA103218	39229	75413	STY100427
15107	51291	BPT102560	27169	63353	MCA103235	39230	75414	STY100428
15108	51292	BPT102594	27170	63354	MCA103261	39231	75415	STY100430
15109	51293	BPT102602	27171	63355	MCA103333	39232	75416	STY100431
15110	51294	BPT102603	27172	63356	MCA103356	39233	75417	STY100437
15111	51295	BPT102612	27173	63357	MCA103372	39234	75418	STY100439
15112	51296	BPT102614	27174	63358	MCA103400	39235	75419	STY100442
15113	51297	BPT102616	27175	63359	MCA103444	39236	75420	STY100443
15114	51298	BPT102618	27176	63360	MCA103453	39237	75421	STY100457
15115	51299	BPT102619	27177	63361	MCA103455	39238	75422	STY100460
15116	51300	BPT102620	27178	63362	MCA103469	39239	75423	STY100490
15117	51301	BPT102621	27179	63363	MCA103470	39240	75424	STY100497
15118	51302	BPT102625	27180	63364	MCA103517	39241	75425	STY100502
15119	51303	BPT102628	27181	63365	MCA103521	39242	75426	STY100510
15120	51304	BPT102642	27182	63366	MCA103523	39243	75427	STY100513

DNA SeqID	Protein SeqID	Gene LocusID	DNA SeqID	Protein SeqID	Gene LocusID	DNA SeqID	Protein SeqID	Gene LocusID
15121	51305	BPT102643	27183	63367	MCA103535	39244	75428	STY100522
15122	51306	BPT102644	27184	63368	MCA103545	39245	75429	STY100523
15123	51307	BPT102646	27185	63369	MCA103553	39246	75430	STY100524
15124	51308	BPT102654	27186	63370	MCA103555	39247	75431	STY100529
15125	51309	BPT102655	27187	63371	MCA103569	39248	75432	STY100540
15126	51310	BPT102656	27188	63372	MCA103570	39249	75433	STY100542
15127	51311	BPT102657	27189	63373	MCA103579	39250	75434	STY100543
15128	51312	BPT102660	27190	63374	MCA103596	39251	75435	STY100553
15129	51313	BPT102669	27191	63375	MCA103599	39252	75436	STY100562
15130	51314	BPT102675	27192	63376	MCA103602	39253	75437	STY100570
15131	51315	BPT102676	27193	63377	MCA103610	39254	75438	STY100576
15132	51316	BPT102677	27194	63378	MCA103619	39255	75439	STY100579
15133	51317	BPT102678	27195	63379	MCA103645	39256	75440	STY100589
15134	51318	BPT102680	27196	63380	MCA103646	39257	75441	STY100591
15135	51319	BPT102694	27197	63381	MCA103652	39258	75442	STY100593
15136	51320	BPT102710	27198	63382	MCA103664	39259	75443	STY100603
15137	51321	BPT102713	27199	63383	MCA103671	39260	75444	STY100604
15138	51322	BPT102715	27200	63384	MCA103672	39261	75445	STY100607
15139	51323	BPT102716	27201	63385	MCA103674	39262	75446	STY100617
15140	51324	BPT102719	27202	63386	MCA103679	39263	75447	STY100618
15141	51325	BPT102724	27203	63387	MCA103682	39264	75448	STY100620
15142	51326	BPT102727	27204	63388	MCA103689	39265	75449	STY100625
15143	51327	BPT102735	27205	63389	MCA103692	39266	75450	STY100630
15144	51328	BPT102737	27206	63390	MCA103693	39267	75451	STY100639
15145	51329	BPT102742	27207	63391	MCA103694	39268	75452	STY100644
15146	51330	BPT102745	27208	63392	MCA103696	39269	75453	STY100694
15147	51331	BPT102754	27209	63393	MCA103697	39270	75454	STY100698
15148	51332	BPT102772	27210	63394	MGE100001	39271	75455	STY100699
15149	51333	BPT102774	27211	63395	MGE100003	39272	75456	STY100702
15150	51334	BPT102787	27212	63396	MGE100004	39273	75457	STY100712
15151	51335	BPT102803	27213	63397	MGE100005	39274	75458	STY100713
15152	51336	BPT102810	27214	63398	MGE100006	39275	75459	STY100718
15153	51337	BPT102814	27215	63399	MGE100008	39276	75460	STY100720
15154	51338	BPT102825	27216	63400	MGE100009	39277	75461	STY100721
15155	51339	BPT102828	27217	63401	MGE100015	39278	75462	STY100725
15156	51340	BPT102831	27218	63402	MGE100021	39279	75463	STY100726
15157	51341	BPT102833	27219	63403	MGE100023	39280	75464	STY100727
15158	51342	BPT102835	27220	63404	MGE100024	39281	75465	STY100734
15159	51343	BPT102841	27221	63405	MGE100030	39282	75466	STY100736
15160	51344	BPT102842	27222	63406	MGE100031	39283	75467	STY100745
15161	51345	BPT102843	27223	63407	MGE100033	39284	75468	STY100750
15162	51346	BPT102858	27224	63408	MGE100034	39285	75469	STY100765
15163	51347	BPT102861	27225	63409	MGE100035	39286	75470	STY100767
15164	51348	BPT102869	27226	63410	MGE100036	39287	75471	STY100768
15165	51349	BPT102882	27227	63411	MGE100038	39288	75472	STY100773
15166	51350	BPT102886	27228	63412	MGE100041	39289	75473	STY100775
15167	51351	BPT102887	27229	63413	MGE100046	39290	75474	STY100781
15168	51352	BPT102898	27230	63414	MGE100047	39291	75475	STY100783
15169	51353	BPT102903	27231	63415	MGE100048	39292	75476	STY100785
15170	51354	BPT102905	27232	63416	MGE100050	39293	75477	STY100789
15171	51355	BPT102914	27233	63417	MGE100051	39294	75478	STY100790
15172	51356	BPT102917	27234	63418	MGE100053	39295	75479	STY100794
15173	51357	BPT102919	27235	63419	MGE100054	39296	75480	STY100795
15174	51358	BPT102923	27236	63420	MGE100058	39297	75481	STY100798
15175	51359	BPT102936	27237	63421	MGE100059	39298	75482	STY100801

DNA SeqID	Protein SeqID	Gene LocusID	DNA SeqID	Protein SeqID	Gene LocusID	DNA SeqID	Protein SeqID	Gene LocusID
15176	51360	BPT102938	27238	63422	MGE100060	39299	75483	STY100803
15177	51361	BPT102941	27239	63423	MGE100061	39300	75484	STY100804
15178	51362	BPT102959	27240	63424	MGE100062	39301	75485	STY100806
15179	51363	BPT102964	27241	63425	MGE100064	39302	75486	STY100808
15180	51364	BPT102974	27242	63426	MGE100065	39303	75487	STY100812
15181	51365	BPT102975	27243	63427	MGE100066	39304	75488	STY100814
15182	51366	BPT102979	27244	63428	MGE100067	39305	75489	STY100818
15183	51367	BPT102981	27245	63429	MGE100068	39306	75490	STY100819
15184	51368	BPT102984	27246	63430	MGE100071	39307	75491	STY100820
15185	51369	BPT102987	27247	63431	MGE100072	39308	75492	STY100822
15186	51370	BPT102988	27248	63432	MGE100073	39309	75493	STY100833
15187	51371	BPT102993	27249	63433	MGE100074	39310	75494	STY100836
15188	51372	BPT102997	27250	63434	MGE100081	39311	75495	STY100839
15189	51373	BPT102999	27251	63435	MGE100083	39312	75496	STY100840
15190	51374	BPT103001	27252	63436	MGE100084	39313	75497	STY100841
15191	51375	BPT103003	27253	63437	MGE100086	39314	75498	STY100842
15192	51376	BPT103005	27254	63438	MGE100087	39315	75499	STY100845
15193	51377	BPT103007	27255	63439	MGE100089	39316	75500	STY100846
15194	51378	BPT103008	27256	63440	MGE100090	39317	75501	STY100851
15195	51379	BPT103014	27257	63441	MGE100091	39318	75502	STY100853
15196	51380	BPT103017	27258	63442	MGE100092	39319	75503	STY100856
15197	51381	BPT103018	27259	63443	MGE100093	39320	75504	STY100858
15198	51382	BPT103019	27260	63444	MGE100094	39321	75505	STY100864
15199	51383	BPT103032	27261	63445	MGE100095	39322	75506	STY100866
15200	51384	BPT103035	27262	63446	MGE100096	39323	75507	STY100867
15201	51385	BPT103036	27263	63447	MGE100101	39324	75508	STY100868
15202	51386	BPT103038	27264	63448	MGE100102	39325	75509	STY100869
15203	51387	BPT103049	27265	63449	MGE100105	39326	75510	STY100870
15204	51388	BPT103051	27266	63450	MGE100111	39327	75511	STY100871
15205	51389	BPT103061	27267	63451	MGE100113	39328	75512	STY100879
15206	51390	BPT103076	27268	63452	MGE100115	39329	75513	STY100880
15207	51391	BPT103090	27269	63453	MGE100116	39330	75514	STY100886
15208	51392	BPT103127	27270	63454	MGE100123	39331	75515	STY100889
15209	51393	BPT103130	27271	63455	MGE100124	39332	75516	STY100910
15210	51394	BPT103136	27272	63456	MGE100128	39333	75517	STY100921
15211	51395	BPT103139	27273	63457	MGE100130	39334	75518	STY100924
15212	51396	BPT103140	27274	63458	MGE100132	39335	75519	STY100931
15213	51397	BPT103142	27275	63459	MGE100136	39336	75520	STY100932
15214	51398	BPT103145	27276	63460	MGE100138	39337	75521	STY100935
15215	51399	BPT103146	27277	63461	MGE100139	39338	75522	STY100942
15216	51400	BPT103152	27278	63462	MGE100141	39339	75523	STY100943
15217	51401	BPT103178	27279	63463	MGE100143	39340	75524	STY100944
15218	51402	BPT103217	27280	63464	MGE100144	39341	75525	STY100949
15219	51403	BPT103246	27281	63465	MGE100147	39342	75526	STY100960
15220	51404	BPT103254	27282	63466	MGE100148	39343	75527	STY100962
15221	51405	BPT103416	27283	63467	MGE100151	39344	75528	STY100977
15222	51406	BPT103478	27284	63468	MGE100153	39345	75529	STY100979
15223	51407	BPT103484	27285	63469	MGE100154	39346	75530	STY100981
15224	51408	BPT103682	27286	63470	MGE100155	39347	75531	STY100983
15225	51409	BPT103683	27287	63471	MGE100156	39348	75532	STY100984
15226	51410	BPT103695	27288	63472	MGE100157	39349	75533	STY100985
15227	51411	BPT103701	27289	63473	MGE100158	39350	75534	STY100986
15228	51412	BPT103725	27290	63474	MGE100159	39351	75535	STY100988
15229	51413	BPT103765	27291	63475	MGE100160	39352	75536	STY100992
15230	51414	BPT103790	27292	63476	MGE100161	39353	75537	STY100994

DNA SeqID	Protein SeqID	Gene LocusID	DNA SeqID	Protein SeqID	Gene LocusID	DNA SeqID	Protein SeqID	Gene LocusID
15231	51415	BPT103857	27293	63477	MGE100162	39354	75538	STY100997
15232	51416	BPT103974	27294	63478	MGE100163	39355	75539	STY100998
15233	51417	BPT103989	27295	63479	MGE100164	39356	75540	STY101003
15234	51418	BPT104008	27296	63480	MGE100165	39357	75541	STY101011
15235	51419	BPT104019	27297	63481	MGE100166	39358	75542	STY101017
15236	51420	BPT104043	27298	63482	MGE100167	39359	75543	STY101019
15237	51421	BPT104047	27299	63483	MGE100168	39360	75544	STY101028
15238	51422	BPT104048	27300	63484	MGE100169	39361	75545	STY101051
15239	51423	BPT104052	27301	63485	MGE100170	39362	75546	STY101052
15240	51424	BPT104060	27302	63486	MGE100171	39363	75547	STY101059
15241	51425	BPT104063	27303	63487	MGE100172	39364	75548	STY101068
15242	51426	BPT104067	27304	63488	MGE100173	39365	75549	STY101070
15243	51427	BPT104094	27305	63489	MGE100174	39366	75550	STY101071
15244	51428	BPT104100	27306	63490	MGE100176	39367	75551	STY101074
15245	51429	BPT104115	27307	63491	MGE100177	39368	75552	STY101075
15246	51430	BPT104160	27308	63492	MGE100178	39369	75553	STY101077
15247	51431	BPT104171	27309	63493	MGE100179	39370	75554	STY101078
15248	51432	BPT104317	27310	63494	MGE100180	39371	75555	STY101082
15249	51433	BPT104331	27311	63495	MGE100181	39372	75556	STY101087
15250	51434	BPT104383	27312	63496	MGE100182	39373	75557	STY101095
15251	51435	BPT104423	27313	63497	MGE100183	39374	75558	STY101099
15252	51436	BPT104464	27314	63498	MGE100184	39375	75559	STY101100
15253	51437	BPT104469	27315	63499	MGE100185	39376	75560	STY101101
15254	51438	BPT104503	27316	63500	MGE100195	39377	75561	STY101103
15255	51439	BPT104512	27317	63501	MGE100196	39378	75562	STY101110
15256	51440	BPT104523	27318	63502	MGE100197	39379	75563	STY101114
15257	51441	BPT104540	27319	63503	MGE100198	39380	75564	STY101116
15258	51442	BPT104544	27320	63504	MGE100199	39381	75565	STY101117
15259	51443	BPT104548	27321	63505	MGE100200	39382	75566	STY101118
15260	51444	BPT104549	27322	63506	MGE100205	39383	75567	STY101126
15261	51445	BPT104633	27323	63507	MGE100206	39384	75568	STY101127
15262	51446	BPT104642	27324	63508	MGE100215	39385	75569	STY101128
15263	51447	BPT104646	27325	63509	MGE100216	39386	75570	STY101129
15264	51448	BPT104649	27326	63510	MGE100217	39387	75571	STY101132
15265	51449	BPT104652	27327	63511	MGE100219	39388	75572	STY101134
15266	51450	BPT104658	27328	63512	MGE100220	39389	75573	STY101139
15267	51451	BPT104697	27329	63513	MGE100222	39390	75574	STY101143
15268	51452	BPT104731	27330	63514	MGE100226	39391	75575	STY101151
15269	51453	BPT104764	27331	63515	MGE100227	39392	75576	STY101155
15270	51454	BPT104802	27332	63516	MGE100229	39393	75577	STY101157
15271	51455	BPT104814	27333	63517	MGE100231	39394	75578	STY101161
15272	51456	BPT104834	27334	63518	MGE100232	39395	75579	STY101163
15273	51457	BPT105047	27335	63519	MGE100233	39396	75580	STY101168
15274	51458	BPT105117	27336	63520	MGE100234	39397	75581	STY101178
15275	51459	BPT105268	27337	63521	MGE100235	39398	75582	STY101179
15276	51460	BPT105307	27338	63522	MGE100236	39399	75583	STY101185
15277	51461	BPT105316	27339	63523	MGE100237	39400	75584	STY101186
15278	51462	BPT105323	27340	63524	MGE100238	39401	75585	STY101188
15279	51463	BPT105409	27341	63525	MGE100239	39402	75586	STY101194
15280	51464	BPT105606	27342	63526	MGE100240	39403	75587	STY101195
15281	51465	BPT105636	27343	63527	MGE100244	39404	75588	STY101200
15282	51466	BPT105648	27344	63528	MGE100245	39405	75589	STY101202
15283	51467	BPT105662	27345	63529	MGE100248	39406	75590	STY101206
15284	51468	BPT105733	27346	63530	MGE100249	39407	75591	STY101217
15285	51469	BPT105757	27347	63531	MGE100250	39408	75592	STY101223

DNA SeqID	Protein SeqID	Gene LocusID	DNA SeqID	Protein SeqID	Gene LocusID	DNA SeqID	Protein SeqID	Gene LocusID
15286	51470	BPT105763	27348	63532	MGE100251	39409	75593	STY101224
15287	51471	BPT105773	27349	63533	MGE100253	39410	75594	STY101241
15288	51472	BPT105804	27350	63534	MGE100254	39411	75595	STY101244
15289	51473	BPT105849	27351	63535	MGE100255	39412	75596	STY101256
15290	51474	BPT105862	27352	63536	MGE100257	39413	75597	STY101259
15291	51475	BPT105896	27353	63537	MGE100258	39414	75598	STY101261
15292	51476	BPT105932	27354	63538	MGE100262	39415	75599	STY101269
15293	51477	BPT105939	27355	63539	MGE100263	39416	75600	STY101273
15294	51478	BPT105948	27356	63540	MGE100266	39417	75601	STY101281
15295	51479	BPT106030	27357	63541	MGE100267	39418	75602	STY101284
15296	51480	BPT106501	27358	63542	MGE100268	39419	75603	STY101288
15297	51481	BPT106864	27359	63543	MGE100271	39420	75604	STY101289
15298	51482	BPT106954	27360	63544	MGE100272	39421	75605	STY101290
15299	51483	CAC100010	27361	63545	MGE100277	39422	75606	STY101296
15300	51484	CAC100013	27362	63546	MGE100278	39423	75607	STY101297
15301	51485	CAC100015	27363	63547	MGE100279	39424	75608	STY101301
15302	51486	CAC100045	27364	63548	MGE100280	39425	75609	STY101345
15303	51487	CAC100048	27365	63549	MGE100284	39426	75610	STY101350
15304	51488	CAC100049	27366	63550	MGE100286	39427	75611	STY101355
15305	51489	CAC100050	27367	63551	MGE100289	39428	75612	STY101358
15306	51490	CAC100060	27368	63552	MGE100293	39429	75613	STY101363
15307	51491	CAC100065	27369	63553	MGE100298	39430	75614	STY101364
15308	51492	CAC100067	27370	63554	MGE100299	39431	75615	STY101367
15309	51493	CAC100074	27371	63555	MGE100300	39432	75616	STY101369
15310	51494	CAC100088	27372	63556	MGE100301	39433	75617	STY101372
15311	51495	CAC100096	27373	63557	MGE100303	39434	75618	STY101374
15312	51496	CAC100098	27374	63558	MGE100304	39435	75619	STY101380
15313	51497	CAC100105	27375	63559	MGE100305	39436	75620	STY101381
15314	51498	CAC100107	27376	63560	MGE100306	39437	75621	STY101382
15315	51499	CAC100112	27377	63561	MGE100307	39438	75622	STY101386
15316	51500	CAC100114	27378	63562	MGE100311	39439	75623	STY101387
15317	51501	CAC100116	27379	63563	MGE100317	39440	75624	STY101394
15318	51502	CAC100128	27380	63564	MGE100318	39441	75625	STY101396
15319	51503	CAC100135	27381	63565	MGE100319	39442	75626	STY101408
15320	51504	CAC100146	27382	63566	MGE100322	39443	75627	STY101409
15321	51505	CAC100153	27383	63567	MGE100323	39444	75628	STY101418
15322	51506	CAC100156	27384	63568	MGE100328	39445	75629	STY101423
15323	51507	CAC100165	27385	63569	MGE100333	39446	75630	STY101426
15324	51508	CAC100166	27386	63570	MGE100335	39447	75631	STY101427
15325	51509	CAC100169	27387	63571	MGE100337	39448	75632	STY101440
15326	51510	CAC100183	27388	63572	MGE100338	39449	75633	STY101449
15327	51511	CAC100186	27389	63573	MGE100341	39450	75634	STY101450
15328	51512	CAC100193	27390	63574	MGE100346	39451	75635	STY101451
15329	51513	CAC100205	27391	63575	MGE100347	39452	75636	STY101458
15330	51514	CAC100215	27392	63576	MGE100348	39453	75637	STY101466
15331	51515	CAC100229	27393	63577	MGE100349	39454	75638	STY101470
15332	51516	CAC100242	27394	63578	MGE100350	39455	75639	STY101471
15333	51517	CAC100251	27395	63579	MGE100354	39456	75640	STY101473
15334	51518	CAC100257	27396	63580	MGE100355	39457	75641	STY101474
15335	51519	CAC100263	27397	63581	MGE100365	39458	75642	STY101478
15336	51520	CAC100274	27398	63582	MGE100366	39459	75643	STY101479
15337	51521	CAC100277	27399	63583	MGE100371	39460	75644	STY101480
15338	51522	CAC100279	27400	63584	MGE100372	39461	75645	STY101484
15339	51523	CAC100280	27401	63585	MGE100374	39462	75646	STY101485
15340	51524	CAC100288	27402	63586	MGE100386	39463	75647	STY101487

DNA SeqID	Protein SeqID	Gene LocusID	DNA SeqID	Protein SeqID	Gene LocusID	DNA SeqID	Protein SeqID	Gene LocusID
15341	51525	CAC100302	27403	63587	MGE100389	39464	75648	STY101488
15342	51526	CAC100312	27404	63588	MGE100390	39465	75649	STY101489
15343	51527	CAC100315	27405	63589	MGE100391	39466	75650	STY101491
15344	51528	CAC100319	27406	63590	MGE100394	39467	75651	STY101514
15345	51529	CAC100322	27407	63591	MGE100395	39468	75652	STY101515
15346	51530	CAC100326	27408	63592	MGE100396	39469	75653	STY101521
15347	51531	CAC100327	27409	63593	MGE100398	39470	75654	STY101531
15348	51532	CAC100329	27410	63594	MGE100403	39471	75655	STY101535
15349	51533	CAC100342	27411	63595	MGE100404	39472	75656	STY101536
15350	51534	CAC100345	27412	63596	MGE100406	39473	75657	STY101540
15351	51535	CAC100348	27413	63597	MGE100408	39474	75658	STY101557
15352	51536	CAC100355	27414	63598	MGE100413	39475	75659	STY101559
15353	51537	CAC100359	27415	63599	MGE100414	39476	75660	STY101560
15354	51538	CAC100360	27416	63600	MGE100415	39477	75661	STY101562
15355	51539	CAC100371	27417	63601	MGE100417	39478	75662	STY101563
15356	51540	CAC100377	27418	63602	MGE100419	39479	75663	STY101569
15357	51541	CAC100380	27419	63603	MGE100422	39480	75664	STY101570
15358	51542	CAC100384	27420	63604	MGE100427	39481	75665	STY101572
15359	51543	CAC100397	27421	63605	MGE100428	39482	75666	STY101591
15360	51544	CAC100402	27422	63606	MGE100429	39483	75667	STY101609
15361	51545	CAC100404	27423	63607	MGE100430	39484	75668	STY101614
15362	51546	CAC100405	27424	63608	MGE100431	39485	75669	STY101629
15363	51547	CAC100416	27425	63609	MGE100434	39486	75670	STY101647
15364	51548	CAC100425	27426	63610	MGE100435	39487	75671	STY101649
15365	51549	CAC100433	27427	63611	MGE100436	39488	75672	STY101650
15366	51550	CAC100444	27428	63612	MGE100439	39489	75673	STY101654
15367	51551	CAC100454	27429	63613	MGE100443	39490	75674	STY101655
15368	51552	CAC100456	27430	63614	MGE100444	39491	75675	STY101658
15369	51553	CAC100464	27431	63615	MGE100445	39492	75676	STY101659
15370	51554	CAC100467	27432	63616	MGE100446	39493	75677	STY101661
15371	51555	CAC100474	27433	63617	MGE100451	39494	75678	STY101662
15372	51556	CAC100475	27434	63618	MGE100453	39495	75679	STY101664
15373	51557	CAC100478	27435	63619	MGE100454	39496	75680	STY101665
15374	51558	CAC100479	27436	63620	MGE100455	39497	75681	STY101669
15375	51559	CAC100492	27437	63621	MGE100458	39498	75682	STY101671
15376	51560	CAC100495	27438	63622	MGE100460	39499	75683	STY101673
15377	51561	CAC100499	27439	63623	MGE100462	39500	75684	STY101680
15378	51562	CAC100500	27440	63624	MGE100464	39501	75685	STY101683
15379	51563	CAC100509	27441	63625	MGE100466	39502	75686	STY101686
15380	51564	CAC100510	27442	63626	MGE100468	39503	75687	STY101689
15381	51565	CAC100511	27443	63627	MGE100471	39504	75688	STY101715
15382	51566	CAC100524	27444	63628	MGE100472	39505	75689	STY101717
15383	51567	CAC100526	27445	63629	MGE100473	39506	75690	STY101721
15384	51568	CAC100528	27446	63630	MGE100474	39507	75691	STY101723
15385	51569	CAC100532	27447	63631	MGE100475	39508	75692	STY101724
15386	51570	CAC100548	27448	63632	MGE100479	39509	75693	STY101725
15387	51571	CAC100550	27449	63633	MGE100480	39510	75694	STY101738
15388	51572	CAC100551	27450	63634	MLP100001	39511	75695	STY101740
15389	51573	CAC100555	27451	63635	MLP100002	39512	75696	STY101751
15390	51574	CAC100566	27452	63636	MLP100005	39513	75697	STY101753
15391	51575	CAC100570	27453	63637	MLP100006	39514	75698	STY101754
15392	51576	CAC100574	27454	63638	MLP100014	39515	75699	STY101758
15393	51577	CAC100576	27455	63639	MLP100028	39516	75700	STY101764
15394	51578	CAC100588	27456	63640	MLP100033	39517	75701	STY101770
15395	51579	CAC100593	27457	63641	MLP100042	39518	75702	STY101779

DNA SeqID	Protein SeqID	Gene LocusID	DNA SeqID	Protein SeqID	Gene LocusID	DNA SeqID	Protein SeqID	Gene LocusID
15396	51580	CAC100597	27458	63642	MLP100043	39519	75703	STY101780
15397	51581	CAC100601	27459	63643	MLP100054	39520	75704	STY101781
15398	51582	CAC100612	27460	63644	MLP100058	39521	75705	STY101782
15399	51583	CAC100614	27461	63645	MLP100059	39522	75706	STY101785
15400	51584	CAC100618	27462	63646	MLP100060	39523	75707	STY101786
15401	51585	CAC100619	27463	63647	MLP100062	39524	75708	STY101787
15402	51586	CAC100624	27464	63648	MLP100064	39525	75709	STY101788
15403	51587	CAC100626	27465	63649	MLP100072	39526	75710	STY101789
15404	51588	CAC100640	27466	63650	MLP100082	39527	75711	STY101792
15405	51589	CAC100649	27467	63651	MLP100086	39528	75712	STY101796
15406	51590	CAC100650	27468	63652	MLP100098	39529	75713	STY101797
15407	51591	CAC100655	27469	63653	MLP100101	39530	75714	STY101798
15408	51592	CAC100661	27470	63654	MLP100102	39531	75715	STY101800
15409	51593	CAC100686	27471	63655	MLP100103	39532	75716	STY101801
15410	51594	CAC100688	27472	63656	MLP100108	39533	75717	STY101802
15411	51595	CAC100692	27473	63657	MLP100111	39534	75718	STY101803
15412	51596	CAC100694	27474	63658	MLP100112	39535	75719	STY101804
15413	51597	CAC100700	27475	63659	MLP100114	39536	75720	STY101805
15414	51598	CAC100704	27476	63660	MLP100125	39537	75721	STY101806
15415	51599	CAC100708	27477	63661	MLP100128	39538	75722	STY101807
15416	51600	CAC100711	27478	63662	MLP100129	39539	75723	STY101808
15417	51601	CAC100714	27479	63663	MLP100130	39540	75724	STY101809
15418	51602	CAC100718	27480	63664	MLP100137	39541	75725	STY101812
15419	51603	CAC100722	27481	63665	MLP100140	39542	75726	STY101817
15420	51604	CAC100732	27482	63666	MLP100143	39543	75727	STY101819
15421	51605	CAC100740	27483	63667	MLP100145	39544	75728	STY101820
15422	51606	CAC100742	27484	63668	MLP100149	39545	75729	STY101821
15423	51607	CAC100746	27485	63669	MLP100150	39546	75730	STY101822
15424	51608	CAC100774	27486	63670	MLP100154	39547	75731	STY101823
15425	51609	CAC100782	27487	63671	MLP100156	39548	75732	STY101824
15426	51610	CAC100786	27488	63672	MLP100158	39549	75733	STY101825
15427	51611	CAC100789	27489	63673	MLP100165	39550	75734	STY101826
15428	51612	CAC100796	27490	63674	MLP100167	39551	75735	STY101827
15429	51613	CAC100805	27491	63675	MLP100169	39552	75736	STY101828
15430	51614	CAC100809	27492	63676	MLP100170	39553	75737	STY101829
15431	51615	CAC100810	27493	63677	MLP100172	39554	75738	STY101830
15432	51616	CAC100829	27494	63678	MLP100176	39555	75739	STY101831
15433	51617	CAC100830	27495	63679	MLP100179	39556	75740	STY101832
15434	51618	CAC100838	27496	63680	MLP100180	39557	75741	STY101833
15435	51619	CAC100848	27497	63681	MLP100181	39558	75742	STY101840
15436	51620	CAC100852	27498	63682	MLP100182	39559	75743	STY101844
15437	51621	CAC100854	27499	63683	MLP100193	39560	75744	STY101845
15438	51622	CAC100867	27500	63684	MLP100198	39561	75745	STY101854
15439	51623	CAC100870	27501	63685	MLP100208	39562	75746	STY101855
15440	51624	CAC100871	27502	63686	MLP100217	39563	75747	STY101858
15441	51625	CAC100874	27503	63687	MLP100220	39564	75748	STY101862
15442	51626	CAC100879	27504	63688	MLP100221	39565	75749	STY101872
15443	51627	CAC100885	27505	63689	MLP100222	39566	75750	STY101873
15444	51628	CAC100895	27506	63690	MLP100225	39567	75751	STY101874
15445	51629	CAC100901	27507	63691	MLP100232	39568	75752	STY101883
15446	51630	CAC100902	27508	63692	MLP100233	39569	75753	STY101885
15447	51631	CAC100905	27509	63693	MLP100234	39570	75754	STY101886
15448	51632	CAC100906	27510	63694	MLP100237	39571	75755	STY101888
15449	51633	CAC100913	27511	63695	MLP100239	39572	75756	STY101893
15450	51634	CAC100916	27512	63696	MLP100243	39573	75757	STY101896

DNA SeqID	Protein SeqID	Gene LocusID	DNA SeqID	Protein SeqID	Gene LocusID	DNA SeqID	Protein SeqID	Gene LocusID
15451	51635	CAC100920	27513	63697	MLP100255	39574	75758	STY101906
15452	51636	CAC100927	27514	63698	MLP100257	39575	75759	STY101910
15453	51637	CAC100929	27515	63699	MLP100258	39576	75760	STY101915
15454	51638	CAC100931	27516	63700	MLP100263	39577	75761	STY101918
15455	51639	CAC100933	27517	63701	MLP100266	39578	75762	STY101923
15456	51640	CAC100937	27518	63702	MLP100276	39579	75763	STY101924
15457	51641	CAC100946	27519	63703	MLP100282	39580	75764	STY101925
15458	51642	CAC100955	27520	63704	MLP100283	39581	75765	STY101930
15459	51643	CAC100960	27521	63705	MLP100291	39582	75766	STY101933
15460	51644	CAC100962	27522	63706	MLP100302	39583	75767	STY101934
15461	51645	CAC100965	27523	63707	MLP100305	39584	75768	STY101940
15462	51646	CAC100970	27524	63708	MLP100306	39585	75769	STY101943
15463	51647	CAC100973	27525	63709	MLP100308	39586	75770	STY101946
15464	51648	CAC100976	27526	63710	MLP100309	39587	75771	STY101949
15465	51649	CAC100985	27527	63711	MLP100310	39588	75772	STY101950
15466	51650	CAC100986	27528	63712	MLP100312	39589	75773	STY101953
15467	51651	CAC100997	27529	63713	MLP100313	39590	75774	STY101969
15468	51652	CAC101008	27530	63714	MLP100320	39591	75775	STY101985
15469	51653	CAC101019	27531	63715	MLP100325	39592	75776	STY101987
15470	51654	CAC101025	27532	63716	MLP100326	39593	75777	STY101995
15471	51655	CAC101034	27533	63717	MLP100327	39594	75778	STY102000
15472	51656	CAC101036	27534	63718	MLP100335	39595	75779	STY102006
15473	51657	CAC101038	27535	63719	MLP100341	39596	75780	STY102007
15474	51658	CAC101040	27536	63720	MLP100344	39597	75781	STY102009
15475	51659	CAC101045	27537	63721	MLP100345	39598	75782	STY102011
15476	51660	CAC101046	27538	63722	MLP100346	39599	75783	STY102015
15477	51661	CAC101054	27539	63723	MLP100349	39600	75784	STY102026
15478	51662	CAC101058	27540	63724	MLP100350	39601	75785	STY102029
15479	51663	CAC101062	27541	63725	MLP100351	39602	75786	STY102031
15480	51664	CAC101065	27542	63726	MLP100354	39603	75787	STY102033
15481	51665	CAC101067	27543	63727	MLP100355	39604	75788	STY102040
15482	51666	CAC101070	27544	63728	MLP100363	39605	75789	STY102046
15483	51667	CAC101071	27545	63729	MLP100365	39606	75790	STY102055
15484	51668	CAC101072	27546	63730	MLP100366	39607	75791	STY102061
15485	51669	CAC101077	27547	63731	MLP100370	39608	75792	STY102064
15486	51670	CAC101079	27548	63732	MLP100376	39609	75793	STY102068
15487	51671	CAC101080	27549	63733	MLP100378	39610	75794	STY102069
15488	51672	CAC101085	27550	63734	MLP100381	39611	75795	STY102070
15489	51673	CAC101086	27551	63735	MLP100391	39612	75796	STY102079
15490	51674	CAC101092	27552	63736	MLP100395	39613	75797	STY102082
15491	51675	CAC101093	27553	63737	MLP100397	39614	75798	STY102085
15492	51676	CAC101096	27554	63738	MLP100403	39615	75799	STY102095
15493	51677	CAC101106	27555	63739	MLP100413	39616	75800	STY102097
15494	51678	CAC101114	27556	63740	MLP100416	39617	75801	STY102099
15495	51679	CAC101129	27557	63741	MLP100424	39618	75802	STY102100
15496	51680	CAC101131	27558	63742	MLP100428	39619	75803	STY102102
15497	51681	CAC101137	27559	63743	MLP100433	39620	75804	STY102109
15498	51682	CAC101140	27560	63744	MLP100439	39621	75805	STY102110
15499	51683	CAC101142	27561	63745	MLP100441	39622	75806	STY102114
15500	51684	CAC101145	27562	63746	MLP100443	39623	75807	STY102115
15501	51685	CAC101148	27563	63747	MLP100452	39624	75808	STY102126
15502	51686	CAC101149	27564	63748	MLP100459	39625	75809	STY102141
15503	51687	CAC101153	27565	63749	MLP100466	39626	75810	STY102144
15504	51688	CAC101158	27566	63750	MLP100468	39627	75811	STY102149
15505	51689	CAC101176	27567	63751	MLP100469	39628	75812	STY102189

DNA SeqID	Protein SeqID	Gene LocusID	DNA SeqID	Protein SeqID	Gene LocusID	DNA SeqID	Protein SeqID	Gene LocusID
15506	51690	CAC101178	27568	63752	MLP100475	39629	75813	STY102208
15507	51691	CAC101199	27569	63753	MLP100477	39630	75814	STY102215
15508	51692	CAC101201	27570	63754	MLP100485	39631	75815	STY102217
15509	51693	CAC101211	27571	63755	MLP100490	39632	75816	STY102219
15510	51694	CAC101220	27572	63756	MLP100495	39633	75817	STY102221
15511	51695	CAC101222	27573	63757	MLP100498	39634	75818	STY102223
15512	51696	CAC101231	27574	63758	MLP100499	39635	75819	STY102227
15513	51697	CAC101250	27575	63759	MLP100500	39636	75820	STY102233
15514	51698	CAC101256	27576	63760	MLP100501	39637	75821	STY102242
15515	51699	CAC101275	27577	63761	MLP100504	39638	75822	STY102250
15516	51700	CAC101277	27578	63762	MLP100505	39639	75823	STY102252
15517	51701	CAC101280	27579	63763	MLP100509	39640	75824	STY102254
15518	51702	CAC101282	27580	63764	MLP100512	39641	75825	STY102261
15519	51703	CAC101300	27581	63765	MLP100513	39642	75826	STY102265
15520	51704	CAC101312	27582	63766	MLP100514	39643	75827	STY102266
15521	51705	CAC101314	27583	63767	MLP100515	39644	75828	STY102270
15522	51706	CAC101326	27584	63768	MLP100516	39645	75829	STY102276
15523	51707	CAC101327	27585	63769	MLP100518	39646	75830	STY102277
15524	51708	CAC101333	27586	63770	MLP100520	39647	75831	STY102291
15525	51709	CAC101334	27587	63771	MLP100521	39648	75832	STY102294
15526	51710	CAC101335	27588	63772	MLP100524	39649	75833	STY102299
15527	51711	CAC101338	27589	63773	MLP100525	39650	75834	STY102310
15528	51712	CAC101341	27590	63774	MLP100526	39651	75835	STY102312
15529	51713	CAC101350	27591	63775	MLP100531	39652	75836	STY102313
15530	51714	CAC101362	27592	63776	MLP100532	39653	75837	STY102319
15531	51715	CAC101364	27593	63777	MLP100533	39654	75838	STY102320
15532	51716	CAC101368	27594	63778	MLP100541	39655	75839	STY102326
15533	51717	CAC101393	27595	63779	MLP100543	39656	75840	STY102330
15534	51718	CAC101396	27596	63780	MLP100560	39657	75841	STY102331
15535	51719	CAC101411	27597	63781	MLP100561	39658	75842	STY102345
15536	51720	CAC101416	27598	63782	MLP100563	39659	75843	STY102346
15537	51721	CAC101420	27599	63783	MLP100564	39660	75844	STY102347
15538	51722	CAC101421	27600	63784	MLP100565	39661	75845	STY102351
15539	51723	CAC101425	27601	63785	MLP100566	39662	75846	STY102368
15540	51724	CAC101443	27602	63786	MLP100567	39663	75847	STY102372
15541	51725	CAC101446	27603	63787	MLP100568	39664	75848	STY102373
15542	51726	CAC101449	27604	63788	MLP100569	39665	75849	STY102374
15543	51727	CAC101453	27605	63789	MLP100570	39666	75850	STY102376
15544	51728	CAC101457	27606	63790	MLP100571	39667	75851	STY102377
15545	51729	CAC101459	27607	63791	MLP100572	39668	75852	STY102383
15546	51730	CAC101460	27608	63792	MLP100574	39669	75853	STY102386
15547	51731	CAC101472	27609	63793	MLP100575	39670	75854	STY102390
15548	51732	CAC101480	27610	63794	MLP100590	39671	75855	STY102394
15549	51733	CAC101486	27611	63795	MLP100598	39672	75856	STY102396
15550	51734	CAC101493	27612	63796	MLP100600	39673	75857	STY102397
15551	51735	CAC101497	27613	63797	MLP100604	39674	75858	STY102402
15552	51736	CAC101508	27614	63798	MLP100627	39675	75859	STY102403
15553	51737	CAC101509	27615	63799	MLP100628	39676	75860	STY102408
15554	51738	CAC101518	27616	63800	MLP100652	39677	75861	STY102410
15555	51739	CAC101521	27617	63801	MLP100663	39678	75862	STY102412
15556	51740	CAC101527	27618	63802	MLP100673	39679	75863	STY102416
15557	51741	CAC101529	27619	63803	MLP100674	39680	75864	STY102418
15558	51742	CAC101532	27620	63804	MLP100687	39681	75865	STY102434
15559	51743	CAC101539	27621	63805	MLP100688	39682	75866	STY102437
15560	51744	CAC101540	27622	63806	MLP100689	39683	75867	STY102442

DNA SeqID	Protein SeqID	Gene LocusID	DNA SeqID	Protein SeqID	Gene LocusID	DNA SeqID	Protein SeqID	Gene LocusID
15561	51745	CAC101546	27623	63807	MLP100690	39684	75868	STY102451
15562	51746	CAC101555	27624	63808	MLP100693	39685	75869	STY102457
15563	51747	CAC101556	27625	63809	MLP100697	39686	75870	STY102475
15564	51748	CAC101559	27626	63810	MLP100698	39687	75871	STY102478
15565	51749	CAC101564	27627	63811	MLP100699	39688	75872	STY102479
15566	51750	CAC101568	27628	63812	MLP100700	39689	75873	STY102480
15567	51751	CAC101569	27629	63813	MLP100701	39690	75874	STY102481
15568	51752	CAC101588	27630	63814	MLP100703	39691	75875	STY102485
15569	51753	CAC101590	27631	63815	MLP100705	39692	75876	STY102486
15570	51754	CAC101593	27632	63816	MLP100706	39693	75877	STY102488
15571	51755	CAC101596	27633	63817	MLP100708	39694	75878	STY102489
15572	51756	CAC101598	27634	63818	MLP100709	39695	75879	STY102490
15573	51757	CAC101599	27635	63819	MLP100716	39696	75880	STY102492
15574	51758	CAC101602	27636	63820	MLP100717	39697	75881	STY102495
15575	51759	CAC101620	27637	63821	MLP100720	39698	75882	STY102502
15576	51760	CAC101625	27638	63822	MLP100726	39699	75883	STY102505
15577	51761	CAC101627	27639	63823	MLP100729	39700	75884	STY102506
15578	51762	CAC101653	27640	63824	MLP100731	39701	75885	STY102512
15579	51763	CAC101654	27641	63825	MLP100741	39702	75886	STY102526
15580	51764	CAC101664	27642	63826	MLP100743	39703	75887	STY102530
15581	51765	CAC101675	27643	63827	MLP100747	39704	75888	STY102531
15582	51766	CAC101685	27644	63828	MLP100752	39705	75889	STY102532
15583	51767	CAC101689	27645	63829	MLP100753	39706	75890	STY102533
15584	51768	CAC101692	27646	63830	MLP100755	39707	75891	STY102534
15585	51769	CAC101693	27647	63831	MLP100758	39708	75892	STY102536
15586	51770	CAC101710	27648	63832	MLP100773	39709	75893	STY102538
15587	51771	CAC101713	27649	63833	MLP100774	39710	75894	STY102545
15588	51772	CAC101716	27650	63834	MLP100775	39711	75895	STY102547
15589	51773	CAC101718	27651	63835	MLP100788	39712	75896	STY102549
15590	51774	CAC101721	27652	63836	MLP100789	39713	75897	STY102551
15591	51775	CAC101724	27653	63837	MLP100794	39714	75898	STY102552
15592	51776	CAC101727	27654	63838	MLP100812	39715	75899	STY102553
15593	51777	CAC101737	27655	63839	MLP100814	39716	75900	STY102558
15594	51778	CAC101738	27656	63840	MLP100822	39717	75901	STY102563
15595	51779	CAC101744	27657	63841	MLP100829	39718	75902	STY102565
15596	51780	CAC101752	27658	63842	MLP100838	39719	75903	STY102567
15597	51781	CAC101756	27659	63843	MLP100841	39720	75904	STY102569
15598	51782	CAC101769	27660	63844	MLP100845	39721	75905	STY102589
15599	51783	CAC101772	27661	63845	MLP100846	39722	75906	STY102590
15600	51784	CAC101778	27662	63846	MLP100850	39723	75907	STY102601
15601	51785	CAC101781	27663	63847	MLP100851	39724	75908	STY102604
15602	51786	CAC101783	27664	63848	MLP100852	39725	75909	STY102615
15603	51787	CAC101785	27665	63849	MLP100854	39726	75910	STY102620
15604	51788	CAC101789	27666	63850	MLP100855	39727	75911	STY102647
15605	51789	CAC101790	27667	63851	MLP100860	39728	75912	STY102650
15606	51790	CAC101791	27668	63852	MLP100862	39729	75913	STY102652
15607	51791	CAC101792	27669	63853	MLP100864	39730	75914	STY102666
15608	51792	CAC101793	27670	63854	MLP100865	39731	75915	STY102668
15609	51793	CAC101794	27671	63855	MLP100866	39732	75916	STY102671
15610	51794	CAC101795	27672	63856	MLP100867	39733	75917	STY102673
15611	51795	CAC101801	27673	63857	MLP100869	39734	75918	STY102674
15612	51796	CAC101804	27674	63858	MLP100870	39735	75919	STY102677
15613	51797	CAC101805	27675	63859	MLP100874	39736	75920	STY102679
15614	51798	CAC101806	27676	63860	MLP100875	39737	75921	STY102680
15615	51799	CAC101811	27677	63861	MLP100878	39738	75922	STY102681

DNA SeqID	Protein SeqID	Gene LocusID	DNA SeqID	Protein SeqID	Gene LocusID	DNA SeqID	Protein SeqID	Gene LocusID
15616	51800	CAC101812	27678	63862	MLP100887	39739	75923	STY102683
15617	51801	CAC101816	27679	63863	MLP100891	39740	75924	STY102684
15618	51802	CAC101820	27680	63864	MLP100899	39741	75925	STY102685
15619	51803	CAC101825	27681	63865	MLP100902	39742	75926	STY102686
15620	51804	CAC101837	27682	63866	MLP100903	39743	75927	STY102689
15621	51805	CAC101838	27683	63867	MLP100904	39744	75928	STY102690
15622	51806	CAC101842	27684	63868	MLP100905	39745	75929	STY102699
15623	51807	CAC101843	27685	63869	MLP100909	39746	75930	STY102701
15624	51808	CAC101849	27686	63870	MLP100910	39747	75931	STY102715
15625	51809	CAC101851	27687	63871	MLP100915	39748	75932	STY102718
15626	51810	CAC101855	27688	63872	MLP100917	39749	75933	STY102722
15627	51811	CAC101857	27689	63873	MLP100918	39750	75934	STY102724
15628	51812	CAC101858	27690	63874	MLP100924	39751	75935	STY102732
15629	51813	CAC101861	27691	63875	MLP100931	39752	75936	STY102734
15630	51814	CAC101863	27692	63876	MLP100935	39753	75937	STY102735
15631	51815	CAC101867	27693	63877	MLP100936	39754	75938	STY102739
15632	51816	CAC101872	27694	63878	MLP100948	39755	75939	STY102740
15633	51817	CAC101874	27695	63879	MLP100951	39756	75940	STY102753
15634	51818	CAC101879	27696	63880	MLP100953	39757	75941	STY102761
15635	51819	CAC101882	27697	63881	MLP100955	39758	75942	STY102762
15636	51820	CAC101883	27698	63882	MLP100958	39759	75943	STY102763
15637	51821	CAC101884	27699	63883	MLP100964	39760	75944	STY102765
15638	51822	CAC101894	27700	63884	MLP100968	39761	75945	STY102766
15639	51823	CAC101902	27701	63885	MLP100969	39762	75946	STY102769
15640	51824	CAC101913	27702	63886	MLP100970	39763	75947	STY102770
15641	51825	CAC101932	27703	63887	MLP100972	39764	75948	STY102772
15642	51826	CAC101940	27704	63888	MLP100973	39765	75949	STY102777
15643	51827	CAC101941	27705	63889	MLP100982	39766	75950	STY102788
15644	51828	CAC101944	27706	63890	MLP100983	39767	75951	STY102790
15645	51829	CAC101945	27707	63891	MLP100984	39768	75952	STY102811
15646	51830	CAC101951	27708	63892	MLP100985	39769	75953	STY102828
15647	51831	CAC101960	27709	63893	MLP100986	39770	75954	STY102830
15648	51832	CAC101973	27710	63894	MLP100987	39771	75955	STY102834
15649	51833	CAC101976	27711	63895	MLP100988	39772	75956	STY102835
15650	51834	CAC101982	27712	63896	MLP100989	39773	75957	STY102854
15651	51835	CAC101983	27713	63897	MLP100990	39774	75958	STY102855
15652	51836	CAC101984	27714	63898	MLP100992	39775	75959	STY102862
15653	51837	CAC101989	27715	63899	MLP100993	39776	75960	STY102871
15654	51838	CAC101990	27716	63900	MLP100995	39777	75961	STY102872
15655	51839	CAC101995	27717	63901	MLP100998	39778	75962	STY102874
15656	51840	CAC101999	27718	63902	MLP101005	39779	75963	STY102875
15657	51841	CAC102006	27719	63903	MLP101007	39780	75964	STY102886
15658	51842	CAC102008	27720	63904	MLP101008	39781	75965	STY102893
15659	51843	CAC102009	27721	63905	MLP101010	39782	75966	STY102895
15660	51844	CAC102015	27722	63906	MLP101011	39783	75967	STY102896
15661	51845	CAC102016	27723	63907	MLP101019	39784	75968	STY102898
15662	51846	CAC102021	27724	63908	MLP101022	39785	75969	STY102906
15663	51847	CAC102025	27725	63909	MLP101024	39786	75970	STY102912
15664	51848	CAC102031	27726	63910	MLP101025	39787	75971	STY102913
15665	51849	CAC102032	27727	63911	MLP101029	39788	75972	STY102916
15666	51850	CAC102036	27728	63912	MLP101031	39789	75973	STY102938
15667	51851	CAC102051	27729	63913	MLP101032	39790	75974	STY102941
15668	51852	CAC102057	27730	63914	MLP101033	39791	75975	STY102950
15669	51853	CAC102068	27731	63915	MLP101036	39792	75976	STY102957
15670	51854	CAC102082	27732	63916	MLP101037	39793	75977	STY102963

DNA SeqID	Protein SeqID	Gene LocusID	DNA SeqID	Protein SeqID	Gene LocusID	DNA SeqID	Protein SeqID	Gene LocusID
15671	51855	CAC102097	27733	63917	MLP101038	39794	75978	STY102981
15672	51856	CAC102107	27734	63918	MLP101041	39795	75979	STY102987
15673	51857	CAC102108	27735	63919	MLP101042	39796	75980	STY102989
15674	51858	CAC102114	27736	63920	MLP101043	39797	75981	STY102995
15675	51859	CAC102120	27737	63921	MLP101044	39798	75982	STY102996
15676	51860	CAC102127	27738	63922	MLP101046	39799	75983	STY103006
15677	51861	CAC102136	27739	63923	MLP101048	39800	75984	STY103008
15678	51862	CAC102137	27740	63924	MLP101056	39801	75985	STY103013
15679	51863	CAC102140	27741	63925	MLP101057	39802	75986	STY103014
15680	51864	CAC102141	27742	63926	MLP101061	39803	75987	STY103017
15681	51865	CAC102146	27743	63927	MLP101062	39804	75988	STY103023
15682	51866	CAC102148	27744	63928	MLP101064	39805	75989	STY103024
15683	51867	CAC102152	27745	63929	MLP101065	39806	75990	STY103025
15684	51868	CAC102154	27746	63930	MLP101067	39807	75991	STY103028
15685	51869	CAC102155	27747	63931	MLP101068	39808	75992	STY103030
15686	51870	CAC102158	27748	63932	MLP101071	39809	75993	STY103032
15687	51871	CAC102162	27749	63933	MLP101075	39810	75994	STY103035
15688	51872	CAC102164	27750	63934	MLP101083	39811	75995	STY103053
15689	51873	CAC102168	27751	63935	MLP101093	39812	75996	STY103062
15690	51874	CAC102177	27752	63936	MLP101099	39813	75997	STY103069
15691	51875	CAC102180	27753	63937	MLP101100	39814	75998	STY103071
15692	51876	CAC102184	27754	63938	MLP101111	39815	75999	STY103073
15693	51877	CAC102186	27755	63939	MLP101114	39816	76000	STY103075
15694	51878	CAC102187	27756	63940	MLP101115	39817	76001	STY103077
15695	51879	CAC102201	27757	63941	MLP101118	39818	76002	STY103100
15696	51880	CAC102203	27758	63942	MLP101119	39819	76003	STY103105
15697	51881	CAC102209	27759	63943	MLP101120	39820	76004	STY103120
15698	51882	CAC102210	27760	63944	MLP101121	39821	76005	STY103129
15699	51883	CAC102213	27761	63945	MLP101122	39822	76006	STY103131
15700	51884	CAC102217	27762	63946	MLP101123	39823	76007	STY103133
15701	51885	CAC102218	27763	63947	MLP101124	39824	76008	STY103139
15702	51886	CAC102220	27764	63948	MLP101125	39825	76009	STY103145
15703	51887	CAC102226	27765	63949	MLP101126	39826	76010	STY103147
15704	51888	CAC102232	27766	63950	MLP101127	39827	76011	STY103148
15705	51889	CAC102242	27767	63951	MLP101128	39828	76012	STY103157
15706	51890	CAC102249	27768	63952	MLP101129	39829	76013	STY103163
15707	51891	CAC102256	27769	63953	MLP101130	39830	76014	STY103166
15708	51892	CAC102258	27770	63954	MLP101131	39831	76015	STY103167
15709	51893	CAC102263	27771	63955	MLP101132	39832	76016	STY103171
15710	51894	CAC102265	27772	63956	MLP101133	39833	76017	STY103172
15711	51895	CAC102273	27773	63957	MLP101134	39834	76018	STY103173
15712	51896	CAC102280	27774	63958	MLP101135	39835	76019	STY103174
15713	51897	CAC102283	27775	63959	MLP101136	39836	76020	STY103175
15714	51898	CAC102285	27776	63960	MLP101137	39837	76021	STY103176
15715	51899	CAC102293	27777	63961	MLP101138	39838	76022	STY103177
15716	51900	CAC102294	27778	63962	MLP101139	39839	76023	STY103179
15717	51901	CAC102305	27779	63963	MLP101140	39840	76024	STY103182
15718	51902	CAC102306	27780	63964	MLP101141	39841	76025	STY103207
15719	51903	CAC102314	27781	63965	MLP101142	39842	76026	STY103209
15720	51904	CAC102325	27782	63966	MLP101143	39843	76027	STY103211
15721	51905	CAC102328	27783	63967	MLP101144	39844	76028	STY103212
15722	51906	CAC102331	27784	63968	MLP101145	39845	76029	STY103214
15723	51907	CAC102333	27785	63969	MLP101147	39846	76030	STY103216
15724	51908	CAC102336	27786	63970	MLP101148	39847	76031	STY103217
15725	51909	CAC102338	27787	63971	MLP101153	39848	76032	STY103218

DNA SeqID	Protein SeqID	Gene LocusID	DNA SeqID	Protein SeqID	Gene LocusID	DNA SeqID	Protein SeqID	Gene LocusID
15726	51910	CAC102345	27788	63972	MLP101154	39849	76033	STY103224
15727	51911	CAC102355	27789	63973	MLP101155	39850	76034	STY103227
15728	51912	CAC102361	27790	63974	MLP101156	39851	76035	STY103237
15729	51913	CAC102362	27791	63975	MLP101160	39852	76036	STY103261
15730	51914	CAC102363	27792	63976	MLP101168	39853	76037	STY103268
15731	51915	CAC102376	27793	63977	MLP101176	39854	76038	STY103271
15732	51916	CAC102377	27794	63978	MLP101180	39855	76039	STY103273
15733	51917	CAC102383	27795	63979	MLP101184	39856	76040	STY103282
15734	51918	CAC102388	27796	63980	MLP101190	39857	76041	STY103289
15735	51919	CAC102393	27797	63981	MLP101193	39858	76042	STY103294
15736	51920	CAC102398	27798	63982	MLP101194	39859	76043	STY103295
15737	51921	CAC102412	27799	63983	MLP101195	39860	76044	STY103296
15738	51922	CAC102417	27800	63984	MLP101196	39861	76045	STY103298
15739	51923	CAC102421	27801	63985	MLP101197	39862	76046	STY103303
15740	51924	CAC102428	27802	63986	MLP101198	39863	76047	STY103321
15741	51925	CAC102432	27803	63987	MLP101199	39864	76048	STY103324
15742	51926	CAC102434	27804	63988	MLP101209	39865	76049	STY103325
15743	51927	CAC102446	27805	63989	MLP101210	39866	76050	STY103328
15744	51928	CAC102451	27806	63990	MLP101222	39867	76051	STY103329
15745	51929	CAC102460	27807	63991	MLP101237	39868	76052	STY103330
15746	51930	CAC102467	27808	63992	MLP101240	39869	76053	STY103352
15747	51931	CAC102468	27809	63993	MLP101243	39870	76054	STY103378
15748	51932	CAC102470	27810	63994	MLP101249	39871	76055	STY103388
15749	51933	CAC102483	27811	63995	MLP101253	39872	76056	STY103389
15750	51934	CAC102490	27812	63996	MLP101262	39873	76057	STY103394
15751	51935	CAC102492	27813	63997	MLP101266	39874	76058	STY103395
15752	51936	CAC102494	27814	63998	MLP101268	39875	76059	STY103413
15753	51937	CAC102504	27815	63999	MLP101277	39876	76060	STY103416
15754	51938	CAC102507	27816	64000	MLP101283	39877	76061	STY103418
15755	51939	CAC102519	27817	64001	MLP101294	39878	76062	STY103420
15756	51940	CAC102521	27818	64002	MLP101303	39879	76063	STY103424
15757	51941	CAC102528	27819	64003	MLP101304	39880	76064	STY103425
15758	51942	CAC102531	27820	64004	MLP101306	39881	76065	STY103427
15759	51943	CAC102538	27821	64005	MLP101322	39882	76066	STY103428
15760	51944	CAC102549	27822	64006	MLP101323	39883	76067	STY103432
15761	51945	CAC102551	27823	64007	MLP101330	39884	76068	STY103434
15762	51946	CAC102552	27824	64008	MLP101343	39885	76069	STY103443
15763	51947	CAC102554	27825	64009	MLP101352	39886	76070	STY103444
15764	51948	CAC102562	27826	64010	MLP101354	39887	76071	STY103453
15765	51949	CAC102576	27827	64011	MLP101355	39888	76072	STY103460
15766	51950	CAC102578	27828	64012	MLP101357	39889	76073	STY103461
15767	51951	CAC102581	27829	64013	MLP101364	39890	76074	STY103465
15768	51952	CAC102583	27830	64014	MLP101366	39891	76075	STY103467
15769	51953	CAC102599	27831	64015	MLP101376	39892	76076	STY103469
15770	51954	CAC102601	27832	64016	MLP101379	39893	76077	STY103470
15771	51955	CAC102604	27833	64017	MLP101382	39894	76078	STY103477
15772	51956	CAC102608	27834	64018	MLP101383	39895	76079	STY103490
15773	51957	CAC102610	27835	64019	MLP101385	39896	76080	STY103491
15774	51958	CAC102614	27836	64020	MLP101386	39897	76081	STY103497
15775	51959	CAC102616	27837	64021	MLP101387	39898	76082	STY103498
15776	51960	CAC102618	27838	64022	MLP101388	39899	76083	STY103502
15777	51961	CAC102619	27839	64023	MLP101393	39900	76084	STY103504
15778	51962	CAC102622	27840	64024	MLP101401	39901	76085	STY103505
15779	51963	CAC102623	27841	64025	MLP101416	39902	76086	STY103507
15780	51964	CAC102626	27842	64026	MLP101425	39903	76087	STY103508

DNA SeqID	Protein SeqID	Gene LocusID	DNA SeqID	Protein SeqID	Gene LocusID	DNA SeqID	Protein SeqID	Gene LocusID
15781	51965	CAC102635	27843	64027	MLP101430	39904	76088	STY103509
15782	51966	CAC102639	27844	64028	MLP101432	39905	76089	STY103510
15783	51967	CAC102641	27845	64029	MLP101436	39906	76090	STY103512
15784	51968	CAC102647	27846	64030	MLP101437	39907	76091	STY103516
15785	51969	CAC102648	27847	64031	MLP101438	39908	76092	STY103518
15786	51970	CAC102661	27848	64032	MLP101439	39909	76093	STY103526
15787	51971	CAC102666	27849	64033	MLP101453	39910	76094	STY103547
15788	51972	CAC102670	27850	64034	MLP101458	39911	76095	STY103551
15789	51973	CAC102672	27851	64035	MLP101461	39912	76096	STY103559
15790	51974	CAC102675	27852	64036	MLP101467	39913	76097	STY103561
15791	51975	CAC102676	27853	64037	MLP101478	39914	76098	STY103566
15792	51976	CAC102682	27854	64038	MLP101480	39915	76099	STY103588
15793	51977	CAC102691	27855	64039	MLP101485	39916	76100	STY103600
15794	51978	CAC102695	27856	64040	MLP101488	39917	76101	STY103605
15795	51979	CAC102696	27857	64041	MLP101504	39918	76102	STY103612
15796	51980	CAC102703	27858	64042	MLP101512	39919	76103	STY103615
15797	51981	CAC102708	27859	64043	MLP101517	39920	76104	STY103627
15798	51982	CAC102710	27860	64044	MLP101520	39921	76105	STY103635
15799	51983	CAC102712	27861	64045	MLP101538	39922	76106	STY103641
15800	51984	CAC102718	27862	64046	MLP101539	39923	76107	STY103643
15801	51985	CAC102721	27863	64047	MLP101542	39924	76108	STY103649
15802	51986	CAC102729	27864	64048	MLP101543	39925	76109	STY103659
15803	51987	CAC102735	27865	64049	MLP101560	39926	76110	STY103674
15804	51988	CAC102744	27866	64050	MLP101567	39927	76111	STY103689
15805	51989	CAC102747	27867	64051	MLP101570	39928	76112	STY103692
15806	51990	CAC102748	27868	64052	MLP101575	39929	76113	STY103701
15807	51991	CAC102749	27869	64053	MLP101576	39930	76114	STY103732
15808	51992	CAC102751	27870	64054	MLP101580	39931	76115	STY103739
15809	51993	CAC102754	27871	64055	MLP101581	39932	76116	STY103745
15810	51994	CAC102757	27872	64056	MLP101582	39933	76117	STY103753
15811	51995	CAC102758	27873	64057	MLP101583	39934	76118	STY103754
15812	51996	CAC102762	27874	64058	MLP101584	39935	76119	STY103755
15813	51997	CAC102763	27875	64059	MLP101585	39936	76120	STY103756
15814	51998	CAC102765	27876	64060	MLP101587	39937	76121	STY103757
15815	51999	CAC102768	27877	64061	MLP101589	39938	76122	STY103762
15816	52000	CAC102771	27878	64062	MLP101592	39939	76123	STY103772
15817	52001	CAC102777	27879	64063	MLP101595	39940	76124	STY103774
15818	52002	CAC102778	27880	64064	MLP101597	39941	76125	STY103776
15819	52003	CAC102781	27881	64065	MLP101600	39942	76126	STY103787
15820	52004	CAC102784	27882	64066	MLP101601	39943	76127	STY103788
15821	52005	CAC102785	27883	64067	MLP101603	39944	76128	STY103792
15822	52006	CAC102789	27884	64068	MLP101604	39945	76129	STY103797
15823	52007	CAC102793	27885	64069	MLP101605	39946	76130	STY103805
15824	52008	CAC102804	27886	64070	MPN100010	39947	76131	STY103809
15825	52009	CAC102810	27887	64071	MPN100031	39948	76132	STY103811
15826	52010	CAC102817	27888	64072	MPN100032	39949	76133	STY103813
15827	52011	CAC102832	27889	64073	MPN100037	39950	76134	STY103815
15828	52012	CAC102855	27890	64074	MPN100038	39951	76135	STY103818
15829	52013	CAC102861	27891	64075	MPN100039	39952	76136	STY103820
15830	52014	CAC102862	27892	64076	MPN100048	39953	76137	STY103824
15831	52015	CAC102864	27893	64077	MPN100049	39954	76138	STY103825
15832	52016	CAC102868	27894	64078	MPN100067	39955	76139	STY103826
15833	52017	CAC102879	27895	64079	MPN100073	39956	76140	STY103840
15834	52018	CAC102880	27896	64080	MPN100074	39957	76141	STY103841
15835	52019	CAC102891	27897	64081	MPN100076	39958	76142	STY103844

DNA SeqID	Protein SeqID	Gene LocusID	DNA SeqID	Protein SeqID	Gene LocusID	DNA SeqID	Protein SeqID	Gene LocusID
15836	52020	CAC102898	27898	64082	MPN100077	39959	76143	STY103845
15837	52021	CAC102900	27899	64083	MPN100080	39960	76144	STY103848
15838	52022	CAC102901	27900	64084	MPN100081	39961	76145	STY103850
15839	52023	CAC102906	27901	64085	MPN100082	39962	76146	STY103852
15840	52024	CAC102908	27902	64086	MPN100083	39963	76147	STY103853
15841	52025	CAC102909	27903	64087	MPN100084	39964	76148	STY103856
15842	52026	CAC102921	27904	64088	MPN100087	39965	76149	STY103858
15843	52027	CAC102924	27905	64089	MPN100088	39966	76150	STY103859
15844	52028	CAC102927	27906	64090	MPN100090	39967	76151	STY103862
15845	52029	CAC102930	27907	64091	MPN100091	39968	76152	STY103864
15846	52030	CAC102936	27908	64092	MPN100093	39969	76153	STY103870
15847	52031	CAC102940	27909	64093	MPN100094	39970	76154	STY103871
15848	52032	CAC102941	27910	64094	MPN100095	39971	76155	STY103872
15849	52033	CAC102945	27911	64095	MPN100096	39972	76156	STY103874
15850	52034	CAC102954	27912	64096	MPN100101	39973	76157	STY103875
15851	52035	CAC102955	27913	64097	MPN100104	39974	76158	STY103879
15852	52036	CAC102963	27914	64098	MPN100107	39975	76159	STY103886
15853	52037	CAC102966	27915	64099	MPN100108	39976	76160	STY103893
15854	52038	CAC102975	27916	64100	MPN100109	39977	76161	STY103896
15855	52039	CAC102979	27917	64101	MPN100110	39978	76162	STY103897
15856	52040	CAC102981	27918	64102	MPN100111	39979	76163	STY103901
15857	52041	CAC102986	27919	64103	MPN100120	39980	76164	STY103903
15858	52042	CAC102993	27920	64104	MPN100121	39981	76165	STY103908
15859	52043	CAC102995	27921	64105	MPN100128	39982	76166	STY103909
15860	52044	CAC103000	27922	64106	MPN100129	39983	76167	STY103910
15861	52045	CAC103001	27923	64107	MPN100131	39984	76168	STY103912
15862	52046	CAC103017	27924	64108	MPN100135	39985	76169	STY103913
15863	52047	CAC103020	27925	64109	MPN100138	39986	76170	STY103914
15864	52048	CAC103024	27926	64110	MPN100145	39987	76171	STY103916
15865	52049	CAC103028	27927	64111	MPN100146	39988	76172	STY103920
15866	52050	CAC103030	27928	64112	MPN100148	39989	76173	STY103924
15867	52051	CAC103049	27929	64113	MPN100149	39990	76174	STY103932
15868	52052	CAC103052	27930	64114	MPN100150	39991	76175	STY103935
15869	52053	CAC103064	27931	64115	MPN100151	39992	76176	STY103939
15870	52054	CAC103068	27932	64116	MPN100153	39993	76177	STY103943
15871	52055	CAC103083	27933	64117	MPN100154	39994	76178	STY103946
15872	52056	CAC103086	27934	64118	MPN100156	39995	76179	STY103948
15873	52057	CAC103089	27935	64119	MPN100160	39996	76180	STY103952
15874	52058	CAC103091	27936	64120	MPN100162	39997	76181	STY103962
15875	52059	CAC103092	27937	64121	MPN100163	39998	76182	STY103966
15876	52060	CAC103101	27938	64122	MPN100164	39999	76183	STY103967
15877	52061	CAC103102	27939	64123	MPN100169	40000	76184	STY103968
15878	52062	CAC103106	27940	64124	MPN100171	40001	76185	STY103971
15879	52063	CAC103109	27941	64125	MPN100173	40002	76186	STY103973
15880	52064	CAC103116	27942	64126	MPN100175	40003	76187	STY103975
15881	52065	CAC103117	27943	64127	MPN100177	40004	76188	STY103981
15882	52066	CAC103125	27944	64128	MPN100179	40005	76189	STY103986
15883	52067	CAC103126	27945	64129	MPN100182	40006	76190	STY103987
15884	52068	CAC103127	27946	64130	MPN100183	40007	76191	STY103988
15885	52069	CAC103133	27947	64131	MPN100184	40008	76192	STY103989
15886	52070	CAC103138	27948	64132	MPN100186	40009	76193	STY103990
15887	52071	CAC103146	27949	64133	MPN100189	40010	76194	STY103991
15888	52072	CAC103151	27950	64134	MPN100190	40011	76195	STY103993
15889	52073	CAC103154	27951	64135	MPN100205	40012	76196	STY103994
15890	52074	CAC103158	27952	64136	MPN100206	40013	76197	STY104006

DNA SeqID	Protein SeqID	Gene LocusID	DNA SeqID	Protein SeqID	Gene LocusID	DNA SeqID	Protein SeqID	Gene LocusID
15891	52075	CAC103161	27953	64137	MPN100210	40014	76198	STY104009
15892	52076	CAC103163	27954	64138	MPN100211	40015	76199	STY104010
15893	52077	CAC103172	27955	64139	MPN100215	40016	76200	STY104012
15894	52078	CAC103175	27956	64140	MPN100218	40017	76201	STY104016
15895	52079	CAC103184	27957	64141	MPN100219	40018	76202	STY104020
15896	52080	CAC103197	27958	64142	MPN100220	40019	76203	STY104022
15897	52081	CAC103209	27959	64143	MPN100223	40020	76204	STY104029
15898	52082	CAC103216	27960	64144	MPN100224	40021	76205	STY104030
15899	52083	CAC103227	27961	64145	MPN100225	40022	76206	STY104040
15900	52084	CAC103232	27962	64146	MPN100226	40023	76207	STY104052
15901	52085	CAC103234	27963	64147	MPN100233	40024	76208	STY104055
15902	52086	CAC103237	27964	64148	MPN100236	40025	76209	STY104078
15903	52087	CAC103249	27965	64149	MPN100238	40026	76210	STY104079
15904	52088	CAC103250	27966	64150	MPN100240	40027	76211	STY104085
15905	52089	CAC103266	27967	64151	MPN100241	40028	76212	STY104093
15906	52090	CAC103270	27968	64152	MPN100242	40029	76213	STY104094
15907	52091	CAC103277	27969	64153	MPN100247	40030	76214	STY104095
15908	52092	CAC103282	27970	64154	MPN100256	40031	76215	STY104107
15909	52093	CAC103297	27971	64155	MPN100266	40032	76216	STY104108
15910	52094	CAC103299	27972	64156	MPN100269	40033	76217	STY104116
15911	52095	CAC103311	27973	64157	MPN100270	40034	76218	STY104122
15912	52096	CAC103316	27974	64158	MPN100274	40035	76219	STY104136
15913	52097	CAC103317	27975	64159	MPN100275	40036	76220	STY104137
15914	52098	CAC103323	27976	64160	MPN100278	40037	76221	STY104138
15915	52099	CAC103330	27977	64161	MPN100279	40038	76222	STY104139
15916	52100	CAC103333	27978	64162	MPN100280	40039	76223	STY104150
15917	52101	CAC103337	27979	64163	MPN100284	40040	76224	STY104152
15918	52102	CAC103354	27980	64164	MPN100285	40041	76225	STY104153
15919	52103	CAC103360	27981	64165	MPN100286	40042	76226	STY104154
15920	52104	CAC103368	27982	64166	MPN100289	40043	76227	STY104155
15921	52105	CAC103369	27983	64167	MPN100301	40044	76228	STY104157
15922	52106	CAC103376	27984	64168	MPN100303	40045	76229	STY104159
15923	52107	CAC103385	27985	64169	MPN100304	40046	76230	STY104162
15924	52108	CAC103410	27986	64170	MPN100311	40047	76231	STY104163
15925	52109	CAC103413	27987	64171	MPN100321	40048	76232	STY104168
15926	52110	CAC103418	27988	64172	MPN100322	40049	76233	STY104171
15927	52111	CAC103420	27989	64173	MPN100323	40050	76234	STY104172
15928	52112	CAC103422	27990	64174	MPN100326	40051	76235	STY104173
15929	52113	CAC103429	27991	64175	MPN100327	40052	76236	STY104175
15930	52114	CAC103441	27992	64176	MPN100346	40053	76237	STY104177
15931	52115	CAC103450	27993	64177	MPN100347	40054	76238	STY104182
15932	52116	CAC103453	27994	64178	MPN100348	40055	76239	STY104185
15933	52117	CAC103455	27995	64179	MPN100352	40056	76240	STY104186
15934	52118	CAC103461	27996	64180	MPN100354	40057	76241	STY104189
15935	52119	CAC103463	27997	64181	MPN100361	40058	76242	STY104191
15936	52120	CAC103481	27998	64182	MPN100365	40059	76243	STY104192
15937	52121	CAC103483	27999	64183	MPN100366	40060	76244	STY104199
15938	52122	CAC103488	28000	64184	MPN100367	40061	76245	STY104200
15939	52123	CAC103498	28001	64185	MPN100368	40062	76246	STY104204
15940	52124	CAC103499	28002	64186	MPN100370	40063	76247	STY104207
15941	52125	CAC103503	28003	64187	MPN100388	40064	76248	STY104209
15942	52126	CAC103515	28004	64188	MPN100395	40065	76249	STY104213
15943	52127	CAC103516	28005	64189	MPN100397	40066	76250	STY104221
15944	52128	CAC103521	28006	64190	MPN100407	40067	76251	STY104231
15945	52129	CAC103551	28007	64191	MPN100411	40068	76252	STY104235

DNA SeqID	Protein SeqID	Gene LocusID	DNA SeqID	Protein SeqID	Gene LocusID	DNA SeqID	Protein SeqID	Gene LocusID
15946	52130	CAC103552	28008	64192	MPN100412	40069	76253	STY104243
15947	52131	CAC103558	28009	64193	MPN100413	40070	76254	STY104246
15948	52132	CAC103561	28010	64194	MPN100414	40071	76255	STY104247
15949	52133	CAC103563	28011	64195	MPN100415	40072	76256	STY104257
15950	52134	CAC103566	28012	64196	MPN100416	40073	76257	STY104266
15951	52135	CAC103575	28013	64197	MPN100417	40074	76258	STY104272
15952	52136	CAC103585	28014	64198	MPN100419	40075	76259	STY104274
15953	52137	CAC103586	28015	64199	MPN100420	40076	76260	STY104276
15954	52138	CAC103600	28016	64200	MPN100421	40077	76261	STY104279
15955	52139	CAC103602	28017	64201	MPN100422	40078	76262	STY104286
15956	52140	CAC103604	28018	64202	MPN100427	40079	76263	STY104295
15957	52141	CAC103605	28019	64203	MPN100430	40080	76264	STY104298
15958	52142	CAC103617	28020	64204	MPN100432	40081	76265	STY104302
15959	52143	CAC103620	28021	64205	MPN100436	40082	76266	STY104305
15960	52144	CAC103630	28022	64206	MPN100441	40083	76267	STY104319
15961	52145	CAC103631	28023	64207	MPN100445	40084	76268	STY104329
15962	52146	CAC103641	28024	64208	MPN100446	40085	76269	STY104331
15963	52147	CAC103650	28025	64209	MPN100447	40086	76270	STY104333
15964	52148	CAC103652	28026	64210	MPN100448	40087	76271	STY104335
15965	52149	CAC103654	28027	64211	MPN100453	40088	76272	STY104336
15966	52150	CAC103664	28028	64212	MPN100457	40089	76273	STY104340
15967	52151	CAC103671	28029	64213	MPN100458	40090	76274	STY104341
15968	52152	CAC103674	28030	64214	MPN100459	40091	76275	STY104352
15969	52153	CAC103679	28031	64215	MPN100475	40092	76276	STY104356
15970	52154	CAC103684	28032	64216	MPN100476	40093	76277	STY104366
15971	52155	CAC103685	28033	64217	MPN100479	40094	76278	STY104382
15972	52156	CAC103687	28034	64218	MPN100480	40095	76279	STY104385
15973	52157	CAC103696	28035	64219	MPN100482	40096	76280	STY104391
15974	52158	CAC103704	28036	64220	MPN100483	40097	76281	STY104414
15975	52159	CAC103713	28037	64221	MPN100484	40098	76282	STY104415
15976	52160	CAC103721	28038	64222	MPN100486	40099	76283	STY104427
15977	52161	CAC103726	28039	64223	MPN100487	40100	76284	STY104430
15978	52162	CAC103735	28040	64224	MPN100488	40101	76285	STY104449
15979	52163	CAC103739	28041	64225	MPN100491	40102	76286	STY104453
15980	52164	CAC103745	28042	64226	MPN100494	40103	76287	STY104456
15981	52165	CAC103749	28043	64227	MPN100495	40104	76288	STY104457
15982	52166	CAC103752	28044	64228	MPN100496	40105	76289	STY104465
15983	52167	CAC103753	28045	64229	MPN100500	40106	76290	STY104469
15984	52168	CAC103762	28046	64230	MPN100502	40107	76291	STY104474
15985	52169	CAC103767	28047	64231	MPN100504	40108	76292	STY104481
15986	52170	CAC103770	28048	64232	MPN100508	40109	76293	STY104484
15987	52171	CAC103773	28049	64233	MPN100509	40110	76294	STY104486
15988	52172	CAC103778	28050	64234	MPN100510	40111	76295	STY104492
15989	52173	CBO100001	28051	64235	MPN100511	40112	76296	STY104499
15990	52174	CBO100008	28052	64236	MPN100512	40113	76297	STY104500
15991	52175	CBO100009	28053	64237	MPN100513	40114	76298	STY104521
15992	52176	CBO100018	28054	64238	MPN100514	40115	76299	STY104533
15993	52177	CBO100020	28055	64239	MPN100515	40116	76300	STY104535
15994	52178	CBO100026	28056	64240	MPN100516	40117	76301	STY104537
15995	52179	CBO100029	28057	64241	MPN100517	40118	76302	STY104539
15996	52180	CBO100058	28058	64242	MPN100519	40119	76303	STY104541
15997	52181	CBO100061	28059	64243	MPN100521	40120	76304	STY104543
15998	52182	CBO100064	28060	64244	MPN100522	40121	76305	STY104545
15999	52183	CBO100087	28061	64245	MPN100526	40122	76306	STY104553
16000	52184	CBO100089	28062	64246	MPN100528	40123	76307	STY104558

DNA SeqID	Protein SeqID	Gene LocusID	DNA SeqID	Protein SeqID	Gene LocusID	DNA SeqID	Protein SeqID	Gene LocusID
16001	52185	CBO100098	28063	64247	MPN100529	40124	76308	STY104560
16002	52186	CBO100107	28064	64248	MPN100530	40125	76309	STY104563
16003	52187	CBO100117	28065	64249	MPN100533	40126	76310	STY104564
16004	52188	CBO100123	28066	64250	MPN100534	40127	76311	STY104565
16005	52189	CBO100125	28067	64251	MPN100537	40128	76312	STY104567
16006	52190	CBO100136	28068	64252	MPN100538	40129	76313	STY104568
16007	52191	CBO100139	28069	64253	MPN100554	40130	76314	STY104571
16008	52192	CBO100144	28070	64254	MPN100555	40131	76315	STY104574
16009	52193	CBO100146	28071	64255	MPN100557	40132	76316	STY104576
16010	52194	CBO100154	28072	64256	MPN100558	40133	76317	STY104578
16011	52195	CBO100159	28073	64257	MPN100560	40134	76318	STY104579
16012	52196	CBO100164	28074	64258	MPN100564	40135	76319	STY104582
16013	52197	CBO100172	28075	64259	MPN100566	40136	76320	STY104584
16014	52198	CBO100194	28076	64260	MPN100568	40137	76321	STY104591
16015	52199	CBO100196	28077	64261	MPN100572	40138	76322	STY104592
16016	52200	CBO100202	28078	64262	MPN100578	40139	76323	STY104593
16017	52201	CBO100209	28079	64263	MPN100579	40140	76324	STY104599
16018	52202	CBO100210	28080	64264	MPN100580	40141	76325	STY104601
16019	52203	CBO100211	28081	64265	MPN100582	40142	76326	STY104615
16020	52204	CBO100215	28082	64266	MPN100584	40143	76327	STY104620
16021	52205	CBO100216	28083	64267	MPN100590	40144	76328	STY104621
16022	52206	CBO100220	28084	64268	MPN100593	40145	76329	STY104626
16023	52207	CBO100230	28085	64269	MPN100594	40146	76330	STY104683
16024	52208	CBO100231	28086	64270	MPN100599	40147	76331	STY104781
16025	52209	CBO100238	28087	64271	MPN100600	40148	76332	STY104783
16026	52210	CBO100240	28088	64272	MPN100601	40149	76333	STY104800
16027	52211	CBO100245	28089	64273	MPN100602	40150	76334	STY104809
16028	52212	CBO100249	28090	64274	MPN100603	40151	76335	STY104820
16029	52213	CBO100250	28091	64275	MPN100604	40152	76336	STY104823
16030	52214	CBO100252	28092	64276	MPN100605	40153	76337	STY104877
16031	52215	CBO100253	28093	64277	MPN100606	40154	76338	STY104879
16032	52216	CBO100256	28094	64278	MPN100608	40155	76339	STY104903
16033	52217	CBO100266	28095	64279	MPN100609	40156	76340	STY104954
16034	52218	CBO100268	28096	64280	MPN100611	40157	76341	STY104986
16035	52219	CBO100272	28097	64281	MPN100612	40158	76342	STY105056
16036	52220	CBO100281	28098	64282	MPN100614	40159	76343	STY105066
16037	52221	CBO100286	28099	64283	MPN100621	40160	76344	STY105107
16038	52222	CBO100290	28100	64284	MPN100622	40161	76345	STY105122
16039	52223	CBO100292	28101	64285	MPN100623	40162	76346	STY105129
16040	52224	CBO100298	28102	64286	MPN100624	40163	76347	STY105166
16041	52225	CBO100306	28103	64287	MPN100626	40164	76348	STY105174
16042	52226	CBO100307	28104	64288	MPN100632	40165	76349	STY105178
16043	52227	CBO100308	28105	64289	MPN100635	40166	76350	STY105236
16044	52228	CBO100316	28106	64290	MPN100636	40167	76351	STY105423
16045	52229	CBO100320	28107	64291	MPN100637	40168	76352	STY105426
16046	52230	CBO100325	28108	64292	MPN100638	40169	76353	STY106198
16047	52231	CBO100338	28109	64293	MPN100639	40170	76354	STY106203
16048	52232	CBO100345	28110	64294	MPN100640	40171	76355	STY107110
16049	52233	CBO100347	28111	64295	MPN100641	40172	76356	STY107263
16050	52234	CBO100352	28112	64296	MPN100642	40173	76357	STY107265
16051	52235	CBO100356	28113	64297	MPN100643	40174	76358	STY107267
16052	52236	CBO100362	28114	64298	MPN100644	40175	76359	STY107465
16053	52237	CBO100372	28115	64299	MPN100646	40176	76360	STY107537
16054	52238	CBO100385	28116	64300	MPN100647	40177	76361	TPA100001
16055	52239	CBO100389	28117	64301	MPN100648	40178	76362	TPA100002

DNA SeqID	Protein SeqID	Gene LocusID	DNA SeqID	Protein SeqID	Gene LocusID	DNA SeqID	Protein SeqID	Gene LocusID
16056	52240	CBO100390	28118	64302	MPN100649	40179	76363	TPA100005
16057	52241	CBO100410	28119	64303	MPN100650	40180	76364	TPA100014
16058	52242	CBO100411	28120	64304	MPN100651	40181	76365	TPA100015
16059	52243	CBO100412	28121	64305	MPN100652	40182	76366	TPA100019
16060	52244	CBO100413	28122	64306	MPN100653	40183	76367	TPA100024
16061	52245	CBO100415	28123	64307	MPN100654	40184	76368	TPA100028
16062	52246	CBO100417	28124	64308	MPN100655	40185	76369	TPA100029
16063	52247	CBO100419	28125	64309	MPN100656	40186	76370	TPA100041
16064	52248	CBO100432	28126	64310	MPN100657	40187	76371	TPA100043
16065	52249	CBO100440	28127	64311	MPN100658	40188	76372	TPA100050
16066	52250	CBO100441	28128	64312	MPN100659	40189	76373	TPA100051
16067	52251	CBO100447	28129	64313	MPN100660	40190	76374	TPA100052
16068	52252	CBO100452	28130	64314	MPN100661	40191	76375	TPA100055
16069	52253	CBO100463	28131	64315	MPN100662	40192	76376	TPA100056
16070	52254	CBO100465	28132	64316	MPN100663	40193	76377	TPA100057
16071	52255	CBO100467	28133	64317	MPN100664	40194	76378	TPA100059
16072	52256	CBO100474	28134	64318	MPN100665	40195	76379	TPA100060
16073	52257	CBO100481	28135	64319	MPN100666	40196	76380	TPA100061
16074	52258	CBO100493	28136	64320	MPN100667	40197	76381	TPA100062
16075	52259	CBO100497	28137	64321	MPN100672	40198	76382	TPA100066
16076	52260	CBO100509	28138	64322	MPN100673	40199	76383	TPA100070
16077	52261	CBO100517	28139	64323	MPN100676	40200	76384	TPA100076
16078	52262	CBO100532	28140	64324	MPN100677	40201	76385	TPA100078
16079	52263	CBO100552	28141	64325	MTU200001	40202	76386	TPA100084
16080	52264	CBO100561	28142	64326	MTU200002	40203	76387	TPA100089
16081	52265	CBO100573	28143	64327	MTU200005	40204	76388	TPA100090
16082	52266	CBO100586	28144	64328	MTU200006	40205	76389	TPA100093
16083	52267	CBO100592	28145	64329	MTU200014	40206	76390	TPA100095
16084	52268	CBO100594	28146	64330	MTU200032	40207	76391	TPA100096
16085	52269	CBO100600	28147	64331	MTU200037	40208	76392	TPA100098
16086	52270	CBO100607	28148	64332	MTU200041	40209	76393	TPA100101
16087	52271	CBO100608	28149	64333	MTU200045	40210	76394	TPA100102
16088	52272	CBO100610	28150	64334	MTU200050	40211	76395	TPA100103
16089	52273	CBO100615	28151	64335	MTU200053	40212	76396	TPA100104
16090	52274	CBO100620	28152	64336	MTU200054	40213	76397	TPA100106
16091	52275	CBO100623	28153	64337	MTU200055	40214	76398	TPA100107
16092	52276	CBO100627	28154	64338	MTU200056	40215	76399	TPA100112
16093	52277	CBO100630	28155	64339	MTU200058	40216	76400	TPA100118
16094	52278	CBO100633	28156	64340	MTU200069	40217	76401	TPA100123
16095	52279	CBO100636	28157	64341	MTU200070	40218	76402	TPA100139
16096	52280	CBO100644	28158	64342	MTU200091	40219	76403	TPA100140
16097	52281	CBO100656	28159	64343	MTU200101	40220	76404	TPA100143
16098	52282	CBO100670	28160	64344	MTU200111	40221	76405	TPA100147
16099	52283	CBO100671	28161	64345	MTU200117	40222	76406	TPA100154
16100	52284	CBO100672	28162	64346	MTU200123	40223	76407	TPA100158
16101	52285	CBO100682	28163	64347	MTU200124	40224	76408	TPA100168
16102	52286	CBO100684	28164	64348	MTU200155	40225	76409	TPA100176
16103	52287	CBO100701	28165	64349	MTU200164	40226	76410	TPA100177
16104	52288	CBO100702	28166	64350	MTU200182	40227	76411	TPA100182
16105	52289	CBO100717	28167	64351	MTU200185	40228	76412	TPA100183
16106	52290	CBO100718	28168	64352	MTU200188	40229	76413	TPA100185
16107	52291	CBO100728	28169	64353	MTU200189	40230	76414	TPA100186
16108	52292	CBO100732	28170	64354	MTU200190	40231	76415	TPA100187
16109	52293	CBO100733	28171	64355	MTU200217	40232	76416	TPA100188
16110	52294	CBO100735	28172	64356	MTU200229	40233	76417	TPA100189

DNA SeqID	Protein SeqID	Gene LocusID	DNA SeqID	Protein SeqID	Gene LocusID	DNA SeqID	Protein SeqID	Gene LocusID
16111	52295	CBO100741	28173	64357	MTU200236	40234	76418	TPA100190
16112	52296	CBO100745	28174	64358	MTU200242	40235	76419	TPA100191
16113	52297	CBO100751	28175	64359	MTU200251	40236	76420	TPA100192
16114	52298	CBO100759	28176	64360	MTU200266	40237	76421	TPA100193
16115	52299	CBO100761	28177	64361	MTU200277	40238	76422	TPA100194
16116	52300	CBO100775	28178	64362	MTU200278	40239	76423	TPA100195
16117	52301	CBO100777	28179	64363	MTU200296	40240	76424	TPA100196
16118	52302	CBO100787	28180	64364	MTU200303	40241	76425	TPA100197
16119	52303	CBO100793	28181	64365	MTU200316	40242	76426	TPA100198
16120	52304	CBO100794	28182	64366	MTU200321	40243	76427	TPA100199
16121	52305	CBO100803	28183	64367	MTU200323	40244	76428	TPA100200
16122	52306	CBO100811	28184	64368	MTU200349	40245	76429	TPA100201
16123	52307	CBO100813	28185	64369	MTU200354	40246	76430	TPA100202
16124	52308	CBO100817	28186	64370	MTU200356	40247	76431	TPA100203
16125	52309	CBO100820	28187	64371	MTU200361	40248	76432	TPA100204
16126	52310	CBO100821	28188	64372	MTU200362	40249	76433	TPA100205
16127	52311	CBO100822	28189	64373	MTU200372	40250	76434	TPA100206
16128	52312	CBO100830	28190	64374	MTU200381	40251	76435	TPA100207
16129	52313	CBO100831	28191	64375	MTU200383	40252	76436	TPA100208
16130	52314	CBO100837	28192	64376	MTU200407	40253	76437	TPA100209
16131	52315	CBO100838	28193	64377	MTU200413	40254	76438	TPA100210
16132	52316	CBO100841	28194	64378	MTU200432	40255	76439	TPA100211
16133	52317	CBO100842	28195	64379	MTU200437	40256	76440	TPA100214
16134	52318	CBO100851	28196	64380	MTU200439	40257	76441	TPA100217
16135	52319	CBO100852	28197	64381	MTU200451	40258	76442	TPA100223
16136	52320	CBO100854	28198	64382	MTU200456	40259	76443	TPA100231
16137	52321	CBO100864	28199	64383	MTU200460	40260	76444	TPA100233
16138	52322	CBO100870	28200	64384	MTU200465	40261	76445	TPA100234
16139	52323	CBO100872	28201	64385	MTU200466	40262	76446	TPA100235
16140	52324	CBO100873	28202	64386	MTU200476	40263	76447	TPA100236
16141	52325	CBO100877	28203	64387	MTU200480	40264	76448	TPA100237
16142	52326	CBO100888	28204	64388	MTU200488	40265	76449	TPA100238
16143	52327	CBO100903	28205	64389	MTU200489	40266	76450	TPA100239
16144	52328	CBO100905	28206	64390	MTU200492	40267	76451	TPA100240
16145	52329	CBO100922	28207	64391	MTU200507	40268	76452	TPA100241
16146	52330	CBO100935	28208	64392	MTU200508	40269	76453	TPA100244
16147	52331	CBO100936	28209	64393	MTU200509	40270	76454	TPA100248
16148	52332	CBO100949	28210	64394	MTU200510	40271	76455	TPA100249
16149	52333	CBO100953	28211	64395	MTU200524	40272	76456	TPA100251
16150	52334	CBO100954	28212	64396	MTU200526	40273	76457	TPA100252
16151	52335	CBO100961	28213	64397	MTU200529	40274	76458	TPA100253
16152	52336	CBO100965	28214	64398	MTU200530	40275	76459	TPA100261
16153	52337	CBO100970	28215	64399	MTU200542	40276	76460	TPA100262
16154	52338	CBO100978	28216	64400	MTU200555	40277	76461	TPA100267
16155	52339	CBO100979	28217	64401	MTU200557	40278	76462	TPA100269
16156	52340	CBO100983	28218	64402	MTU200558	40279	76463	TPA100273
16157	52341	CBO100985	28219	64403	MTU200559	40280	76464	TPA100276
16158	52342	CBO100990	28220	64404	MTU200570	40281	76465	TPA100287
16159	52343	CBO100995	28221	64405	MTU200575	40282	76466	TPA100288
16160	52344	CBO100997	28222	64406	MTU200583	40283	76467	TPA100291
16161	52345	CBO100998	28223	64407	MTU200626	40284	76468	TPA100292
16162	52346	CBO101000	28224	64408	MTU200635	40285	76469	TPA100300
16163	52347	CBO101002	28225	64409	MTU200636	40286	76470	TPA100302
16164	52348	CBO101009	28226	64410	MTU200637	40287	76471	TPA100303
16165	52349	CBO101012	28227	64411	MTU200638	40288	76472	TPA100304

DNA SeqID	Protein SeqID	Gene LocusID	DNA SeqID	Protein SeqID	Gene LocusID	DNA SeqID	Protein SeqID	Gene LocusID
16166	52350	CBO101019	28228	64412	MTU200648	40289	76473	TPA100324
16167	52351	CBO101026	28229	64413	MTU200649	40290	76474	TPA100325
16168	52352	CBO101028	28230	64414	MTU200664	40291	76475	TPA100327
16169	52353	CBO101029	28231	64415	MTU200665	40292	76476	TPA100330
16170	52354	CBO101031	28232	64416	MTU200667	40293	76477	TPA100333
16171	52355	CBO101032	28233	64417	MTU200671	40294	76478	TPA100337
16172	52356	CBO101036	28234	64418	MTU200679	40295	76479	TPA100340
16173	52357	CBO101041	28235	64419	MTU200680	40296	76480	TPA100341
16174	52358	CBO101042	28236	64420	MTU200681	40297	76481	TPA100346
16175	52359	CBO101057	28237	64421	MTU200682	40298	76482	TPA100350
16176	52360	CBO101061	28238	64422	MTU200691	40299	76483	TPA100358
16177	52361	CBO101063	28239	64423	MTU200697	40300	76484	TPA100359
16178	52362	CBO101079	28240	64424	MTU200698	40301	76485	TPA100363
16179	52363	CBO101085	28241	64425	MTU200699	40302	76486	TPA100365
16180	52364	CBO101086	28242	64426	MTU200700	40303	76487	TPA100366
16181	52365	CBO101096	28243	64427	MTU200701	40304	76488	TPA100368
16182	52366	CBO101097	28244	64428	MTU200702	40305	76489	TPA100369
16183	52367	CBO101098	28245	64429	MTU200703	40306	76490	TPA100375
16184	52368	CBO101100	28246	64430	MTU200704	40307	76491	TPA100379
16185	52369	CBO101103	28247	64431	MTU200705	40308	76492	TPA100380
16186	52370	CBO101104	28248	64432	MTU200706	40309	76493	TPA100382
16187	52371	CBO101109	28249	64433	MTU200707	40310	76494	TPA100383
16188	52372	CBO101116	28250	64434	MTU200708	40311	76495	TPA100384
16189	52373	CBO101117	28251	64435	MTU200711	40312	76496	TPA100385
16190	52374	CBO101126	28252	64436	MTU200712	40313	76497	TPA100386
16191	52375	CBO101131	28253	64437	MTU200713	40314	76498	TPA100387
16192	52376	CBO101137	28254	64438	MTU200714	40315	76499	TPA100390
16193	52377	CBO101151	28255	64439	MTU200715	40316	76500	TPA100396
16194	52378	CBO101154	28256	64440	MTU200716	40317	76501	TPA100401
16195	52379	CBO101160	28257	64441	MTU200717	40318	76502	TPA100402
16196	52380	CBO101162	28258	64442	MTU200718	40319	76503	TPA100409
16197	52381	CBO101170	28259	64443	MTU200719	40320	76504	TPA100412
16198	52382	CBO101172	28260	64444	MTU200720	40321	76505	TPA100413
16199	52383	CBO101177	28261	64445	MTU200729	40322	76506	TPA100432
16200	52384	CBO101184	28262	64446	MTU200730	40323	76507	TPA100434
16201	52385	CBO101185	28263	64447	MTU200734	40324	76508	TPA100435
16202	52386	CBO101188	28264	64448	MTU200768	40325	76509	TPA100437
16203	52387	CBO101190	28265	64449	MTU200771	40326	76510	TPA100442
16204	52388	CBO101196	28266	64450	MTU200790	40327	76511	TPA100444
16205	52389	CBO101197	28267	64451	MTU200793	40328	76512	TPA100448
16206	52390	CBO101206	28268	64452	MTU200797	40329	76513	TPA100455
16207	52391	CBO101209	28269	64453	MTU200799	40330	76514	TPA100466
16208	52392	CBO101216	28270	64454	MTU200806	40331	76515	TPA100471
16209	52393	CBO101220	28271	64455	MTU200814	40332	76516	TPA100474
16210	52394	CBO101228	28272	64456	MTU200816	40333	76517	TPA100484
16211	52395	CBO101231	28273	64457	MTU200817	40334	76518	TPA100485
16212	52396	CBO101233	28274	64458	MTU200828	40335	76519	TPA100488
16213	52397	CBO101234	28275	64459	MTU200829	40336	76520	TPA100489
16214	52398	CBO101238	28276	64460	MTU200836	40337	76521	TPA100493
16215	52399	CBO101239	28277	64461	MTU200839	40338	76522	TPA100504
16216	52400	CBO101243	28278	64462	MTU200851	40339	76523	TPA100505
16217	52401	CBO101253	28279	64463	MTU200856	40340	76524	TPA100508
16218	52402	CBO101257	28280	64464	MTU200863	40341	76525	TPA100509
16219	52403	CBO101275	28281	64465	MTU200887	40342	76526	TPA100510
16220	52404	CBO101283	28282	64466	MTU200895	40343	76527	TPA100512

DNA SeqID	Protein SeqID	Gene LocusID	DNA SeqID	Protein SeqID	Gene LocusID	DNA SeqID	Protein SeqID	Gene LocusID
16221	52405	CBO101300	28283	64467	MTU200915	40344	76528	TPA100518
16222	52406	CBO101301	28284	64468	MTU200926	40345	76529	TPA100519
16223	52407	CBO101302	28285	64469	MTU200937	40346	76530	TPA100532
16224	52408	CBO101304	28286	64470	MTU200940	40347	76531	TPA100535
16225	52409	CBO101305	28287	64471	MTU200941	40348	76532	TPA100544
16226	52410	CBO101308	28288	64472	MTU200943	40349	76533	TPA100545
16227	52411	CBO101313	28289	64473	MTU200960	40350	76534	TPA100552
16228	52412	CBO101315	28290	64474	MTU200968	40351	76535	TPA100554
16229	52413	CBO101320	28291	64475	MTU200972	40352	76536	TPA100555
16230	52414	CBO101327	28292	64476	MTU200973	40353	76537	TPA100566
16231	52415	CBO101331	28293	64477	MTU200975	40354	76538	TPA100569
16232	52416	CBO101340	28294	64478	MTU200976	40355	76539	TPA100571
16233	52417	CBO101345	28295	64479	MTU200981	40356	76540	TPA100579
16234	52418	CBO101347	28296	64480	MTU200982	40357	76541	TPA100582
16235	52419	CBO101355	28297	64481	MTU200992	40358	76542	TPA100584
16236	52420	CBO101360	28298	64482	MTU200996	40359	76543	TPA100587
16237	52421	CBO101373	28299	64483	MTU200997	40360	76544	TPA100588
16238	52422	CBO101374	28300	64484	MTU200999	40361	76545	TPA100595
16239	52423	CBO101375	28301	64485	MTU201004	40362	76546	TPA100596
16240	52424	CBO101376	28302	64486	MTU201006	40363	76547	TPA100597
16241	52425	CBO101390	28303	64487	MTU201007	40364	76548	TPA100598
16242	52426	CBO101395	28304	64488	MTU201009	40365	76549	TPA100599
16243	52427	CBO101399	28305	64489	MTU201010	40366	76550	TPA100602
16244	52428	CBO101403	28306	64490	MTU201012	40367	76551	TPA100604
16245	52429	CBO101404	28307	64491	MTU201017	40368	76552	TPA100608
16246	52430	CBO101415	28308	64492	MTU201019	40369	76553	TPA100619
16247	52431	CBO101418	28309	64493	MTU201032	40370	76554	TPA100620
16248	52432	CBO101419	28310	64494	MTU201056	40371	76555	TPA100621
16249	52433	CBO101421	28311	64495	MTU201073	40372	76556	TPA100625
16250	52434	CBO101427	28312	64496	MTU201084	40373	76557	TPA100627
16251	52435	CBO101432	28313	64497	MTU201091	40374	76558	TPA100631
16252	52436	CBO101434	28314	64498	MTU201093	40375	76559	TPA100633
16253	52437	CBO101439	28315	64499	MTU201097	40376	76560	TPA100634
16254	52438	CBO101443	28316	64500	MTU201112	40377	76561	TPA100639
16255	52439	CBO101444	28317	64501	MTU201116	40378	76562	TPA100641
16256	52440	CBO101445	28318	64502	MTU201127	40379	76563	TPA100647
16257	52441	CBO101448	28319	64503	MTU201137	40380	76564	TPA100649
16258	52442	CBO101450	28320	64504	MTU201146	40381	76565	TPA100654
16259	52443	CBO101454	28321	64505	MTU201147	40382	76566	TPA100661
16260	52444	CBO101455	28322	64506	MTU201150	40383	76567	TPA100662
16261	52445	CBO101470	28323	64507	MTU201162	40384	76568	TPA100664
16262	52446	CBO101485	28324	64508	MTU201170	40385	76569	TPA100665
16263	52447	CBO101487	28325	64509	MTU201189	40386	76570	TPA100672
16264	52448	CBO101490	28326	64510	MTU201201	40387	76571	TPA100673
16265	52449	CBO101502	28327	64511	MTU201206	40388	76572	TPA100675
16266	52450	CBO101506	28328	64512	MTU201213	40389	76573	TPA100677
16267	52451	CBO101508	28329	64513	MTU201218	40390	76574	TPA100681
16268	52452	CBO101518	28330	64514	MTU201226	40391	76575	TPA100684
16269	52453	CBO101529	28331	64515	MTU201231	40392	76576	TPA100686
16270	52454	CBO101539	28332	64516	MTU201236	40393	76577	TPA100696
16271	52455	CBO101540	28333	64517	MTU201255	40394	76578	TPA100697
16272	52456	CBO101544	28334	64518	MTU201260	40395	76579	TPA100698
16273	52457	CBO101548	28335	64519	MTU201261	40396	76580	TPA100707
16274	52458	CBO101553	28336	64520	MTU201262	40397	76581	TPA100720
16275	52459	CBO101559	28337	64521	MTU201264	40398	76582	TPA100721

DNA SeqID	Protein SeqID	Gene LocusID	DNA SeqID	Protein SeqID	Gene LocusID	DNA SeqID	Protein SeqID	Gene LocusID
16276	52460	CBO101579	28338	64522	MTU201270	40399	76583	TPA100727
16277	52461	CBO101580	28339	64523	MTU201275	40400	76584	TPA100728
16278	52462	CBO101582	28340	64524	MTU201279	40401	76585	TPA100731
16279	52463	CBO101588	28341	64525	MTU201280	40402	76586	TPA100732
16280	52464	CBO101598	28342	64526	MTU201281	40403	76587	TPA100734
16281	52465	CBO101635	28343	64527	MTU201282	40404	76588	TPA100735
16282	52466	CBO101640	28344	64528	MTU201283	40405	76589	TPA100736
16283	52467	CBO101645	28345	64529	MTU201285	40406	76590	TPA100737
16284	52468	CBO101651	28346	64530	MTU201287	40407	76591	TPA100738
16285	52469	CBO101665	28347	64531	MTU201288	40408	76592	TPA100750
16286	52470	CBO101667	28348	64532	MTU201290	40409	76593	TPA100752
16287	52471	CBO101671	28349	64533	MTU201291	40410	76594	TPA100757
16288	52472	CBO101676	28350	64534	MTU201298	40411	76595	TPA100759
16289	52473	CBO101681	28351	64535	MTU201299	40412	76596	TPA100762
16290	52474	CBO101685	28352	64536	MTU201306	40413	76597	TPA100763
16291	52475	CBO101692	28353	64537	MTU201308	40414	76598	TPA100770
16292	52476	CBO101696	28354	64538	MTU201321	40415	76599	TPA100772
16293	52477	CBO101700	28355	64539	MTU201324	40416	76600	TPA100786
16294	52478	CBO101704	28356	64540	MTU201326	40417	76601	TPA100790
16295	52479	CBO101731	28357	64541	MTU201333	40418	76602	TPA100800
16296	52480	CBO101733	28358	64542	MTU201337	40419	76603	TPA100808
16297	52481	CBO101744	28359	64543	MTU201352	40420	76604	TPA100812
16298	52482	CBO101747	28360	64544	MTU201364	40421	76605	TPA100813
16299	52483	CBO101748	28361	64545	MTU201366	40422	76606	TPA100815
16300	52484	CBO101756	28362	64546	MTU201374	40423	76607	TPA100819
16301	52485	CBO101759	28363	64547	MTU201377	40424	76608	TPA100821
16302	52486	CBO101773	28364	64548	MTU201388	40425	76609	TPA100822
16303	52487	CBO101778	28365	64549	MTU201390	40426	76610	TPA100825
16304	52488	CBO101782	28366	64550	MTU201393	40427	76611	TPA100828
16305	52489	CBO101783	28367	64551	MTU201396	40428	76612	TPA100829
16306	52490	CBO101784	28368	64552	MTU201397	40429	76613	TPA100832
16307	52491	CBO101785	28369	64553	MTU201402	40430	76614	TPA100835
16308	52492	CBO101794	28370	64554	MTU201403	40431	76615	TPA100839
16309	52493	CBO101797	28371	64555	MTU201404	40432	76616	TPA100840
16310	52494	CBO101804	28372	64556	MTU201417	40433	76617	TPA100841
16311	52495	CBO101814	28373	64557	MTU201418	40434	76618	TPA100852
16312	52496	CBO101824	28374	64558	MTU201422	40435	76619	TPA100869
16313	52497	CBO101827	28375	64559	MTU201428	40436	76620	TPA100871
16314	52498	CBO101831	28376	64560	MTU201429	40437	76621	TPA100874
16315	52499	CBO101832	28377	64561	MTU201430	40438	76622	TPA100876
16316	52500	CBO101836	28378	64562	MTU201433	40439	76623	TPA100877
16317	52501	CBO101837	28379	64563	MTU201436	40440	76624	TPA100878
16318	52502	CBO101838	28380	64564	MTU201442	40441	76625	TPA100879
16319	52503	CBO101845	28381	64565	MTU201444	40442	76626	TPA100881
16320	52504	CBO101852	28382	64566	MTU201447	40443	76627	TPA100882
16321	52505	CBO101853	28383	64567	MTU201462	40444	76628	TPA100883
16322	52506	CBO101857	28384	64568	MTU201463	40445	76629	TPA100888
16323	52507	CBO101859	28385	64569	MTU201472	40446	76630	TPA100893
16324	52508	CBO101866	28386	64570	MTU201501	40447	76631	TPA100895
16325	52509	CBO101868	28387	64571	MTU201515	40448	76632	TPA100896
16326	52510	CBO101875	28388	64572	MTU201526	40449	76633	TPA100897
16327	52511	CBO101881	28389	64573	MTU201527	40450	76634	TPA100898
16328	52512	CBO101891	28390	64574	MTU201547	40451	76635	TPA100899
16329	52513	CBO101893	28391	64575	MTU201568	40452	76636	TPA100907
16330	52514	CBO101902	28392	64576	MTU201572	40453	76637	TPA100914

DNA SeqID	Protein SeqID	Gene LocusID	DNA SeqID	Protein SeqID	Gene LocusID	DNA SeqID	Protein SeqID	Gene LocusID
16331	52515	CBO101908	28393	64577	MTU201590	40454	76638	TPA100923
16332	52516	CBO101914	28394	64578	MTU201591	40455	76639	TPA100936
16333	52517	CBO101925	28395	64579	MTU201596	40456	76640	TPA100939
16334	52518	CBO101930	28396	64580	MTU201608	40457	76641	TPA100941
16335	52519	CBO101941	28397	64581	MTU201609	40458	76642	TPA100942
16336	52520	CBO101974	28398	64582	MTU201617	40459	76643	TPA100947
16337	52521	CBO101981	28399	64583	MTU201620	40460	76644	TPA100952
16338	52522	CBO101985	28400	64584	MTU201621	40461	76645	TPA100953
16339	52523	CBO101987	28401	64585	MTU201622	40462	76646	TPA100962
16340	52524	CBO101996	28402	64586	MTU201623	40463	76647	TPA100963
16341	52525	CBO102015	28403	64587	MTU201628	40464	76648	TPA100965
16342	52526	CBO102016	28404	64588	MTU201629	40465	76649	TPA100969
16343	52527	CBO102022	28405	64589	MTU201630	40466	76650	TPA100970
16344	52528	CBO102037	28406	64590	MTU201634	40467	76651	TPA100971
16345	52529	CBO102039	28407	64591	MTU201635	40468	76652	TPA100974
16346	52530	CBO102046	28408	64592	MTU201638	40469	76653	TPA100975
16347	52531	CBO102049	28409	64593	MTU201653	40470	76654	TPA100978
16348	52532	CBO102059	28410	64594	MTU201661	40471	76655	TPA100980
16349	52533	CBO102062	28411	64595	MTU201664	40472	76656	TPA100989
16350	52534	CBO102063	28412	64596	MTU201668	40473	76657	TPA100994
16351	52535	CBO102064	28413	64597	MTU201674	40474	76658	TPA100995
16352	52536	CBO102075	28414	64598	MTU201678	40475	76659	TPA100996
16353	52537	CBO102082	28415	64599	MTU201680	40476	76660	TPA100999
16354	52538	CBO102085	28416	64600	MTU201685	40477	76661	TPA101005
16355	52539	CBO102095	28417	64601	MTU201689	40478	76662	TPA101007
16356	52540	CBO102096	28418	64602	MTU201690	40479	76663	TPA101008
16357	52541	CBO102099	28419	64603	MTU201691	40480	76664	TPA101010
16358	52542	CBO102105	28420	64604	MTU201729	40481	76665	TPA101011
16359	52543	CBO102108	28421	64605	MTU201734	40482	76666	TPA101012
16360	52544	CBO102152	28422	64606	MTU201737	40483	76667	TPA101014
16361	52545	CBO102158	28423	64607	MTU201742	40484	76668	TPA101015
16362	52546	CBO102176	28424	64608	MTU201746	40485	76669	TPA101025
16363	52547	CBO102186	28425	64609	MTU201774	40486	76670	TPA101026
16364	52548	CBO102188	28426	64610	MTU201785	40487	76671	TPA101027
16365	52549	CBO102190	28427	64611	MTU201786	40488	76672	TPA101028
16366	52550	CBO102193	28428	64612	MTU201799	40489	76673	TPA101030
16367	52551	CBO102194	28429	64613	MTU201807	40490	76674	UUR100001
16368	52552	CBO102195	28430	64614	MTU201808	40491	76675	UUR100003
16369	52553	CBO102204	28431	64615	MTU201811	40492	76676	UUR100004
16370	52554	CBO102206	28432	64616	MTU201815	40493	76677	UUR100007
16371	52555	CBO102219	28433	64617	MTU201817	40494	76678	UUR100008
16372	52556	CBO102220	28434	64618	MTU201818	40495	76679	UUR100009
16373	52557	CBO102223	28435	64619	MTU201819	40496	76680	UUR100012
16374	52558	CBO102232	28436	64620	MTU201828	40497	76681	UUR100015
16375	52559	CBO102235	28437	64621	MTU201839	40498	76682	UUR100016
16376	52560	CBO102241	28438	64622	MTU201862	40499	76683	UUR100018
16377	52561	CBO102253	28439	64623	MTU201866	40500	76684	UUR100019
16378	52562	CBO102259	28440	64624	MTU201875	40501	76685	UUR100022
16379	52563	CBO102260	28441	64625	MTU201904	40502	76686	UUR100024
16380	52564	CBO102268	28442	64626	MTU201908	40503	76687	UUR100027
16381	52565	CBO102281	28443	64627	MTU201948	40504	76688	UUR100028
16382	52566	CBO102295	28444	64628	MTU201952	40505	76689	UUR100029
16383	52567	CBO102303	28445	64629	MTU201964	40506	76690	UUR100037
16384	52568	CBO102312	28446	64630	MTU201966	40507	76691	UUR100038
16385	52569	CBO102313	28447	64631	MTU201973	40508	76692	UUR100048

DNA SeqID	Protein SeqID	Gene LocusID	DNA SeqID	Protein SeqID	Gene LocusID	DNA SeqID	Protein SeqID	Gene LocusID
16386	52570	CBO102314	28448	64632	MTU201987	40509	76693	UUR100056
16387	52571	CBO102316	28449	64633	MTU201996	40510	76694	UUR100058
16388	52572	CBO102321	28450	64634	MTU202018	40511	76695	UUR100060
16389	52573	CBO102327	28451	64635	MTU202019	40512	76696	UUR100064
16390	52574	CBO102328	28452	64636	MTU202023	40513	76697	UUR100067
16391	52575	CBO102353	28453	64637	MTU202024	40514	76698	UUR100068
16392	52576	CBO102358	28454	64638	MTU202025	40515	76699	UUR100071
16393	52577	CBO102369	28455	64639	MTU202038	40516	76700	UUR100074
16394	52578	CBO102372	28456	64640	MTU202073	40517	76701	UUR100075
16395	52579	CBO102378	28457	64641	MTU202077	40518	76702	UUR100077
16396	52580	CBO102381	28458	64642	MTU202080	40519	76703	UUR100079
16397	52581	CBO102384	28459	64643	MTU202088	40520	76704	UUR100080
16398	52582	CBO102395	28460	64644	MTU202090	40521	76705	UUR100082
16399	52583	CBO102397	28461	64645	MTU202111	40522	76706	UUR100083
16400	52584	CBO102403	28462	64646	MTU202113	40523	76707	UUR100085
16401	52585	CBO102406	28463	64647	MTU202114	40524	76708	UUR100086
16402	52586	CBO102407	28464	64648	MTU202116	40525	76709	UUR100087
16403	52587	CBO102412	28465	64649	MTU202117	40526	76710	UUR100090
16404	52588	CBO102459	28466	64650	MTU202118	40527	76711	UUR100092
16405	52589	CBO102464	28467	64651	MTU202119	40528	76712	UUR100094
16406	52590	CBO102481	28468	64652	MTU202120	40529	76713	UUR100097
16407	52591	CBO102486	28469	64653	MTU202121	40530	76714	UUR100101
16408	52592	CBO102489	28470	64654	MTU202122	40531	76715	UUR100104
16409	52593	CBO102492	28471	64655	MTU202123	40532	76716	UUR100105
16410	52594	CBO102493	28472	64656	MTU202124	40533	76717	UUR100113
16411	52595	CBO102497	28473	64657	MTU202125	40534	76718	UUR100115
16412	52596	CBO102499	28474	64658	MTU202128	40535	76719	UUR100116
16413	52597	CBO102507	28475	64659	MTU202129	40536	76720	UUR100118
16414	52598	CBO102512	28476	64660	MTU202131	40537	76721	UUR100120
16415	52599	CBO102514	28477	64661	MTU202132	40538	76722	UUR100122
16416	52600	CBO102516	28478	64662	MTU202133	40539	76723	UUR100124
16417	52601	CBO102527	28479	64663	MTU202140	40540	76724	UUR100131
16418	52602	CBO102562	28480	64664	MTU202154	40541	76725	UUR100133
16419	52603	CBO102568	28481	64665	MTU202157	40542	76726	UUR100134
16420	52604	CBO102569	28482	64666	MTU202158	40543	76727	UUR100136
16421	52605	CBO102572	28483	64667	MTU202161	40544	76728	UUR100139
16422	52606	CBO102574	28484	64668	MTU202164	40545	76729	UUR100140
16423	52607	CBO102575	28485	64669	MTU202166	40546	76730	UUR100141
16424	52608	CBO102577	28486	64670	MTU202167	40547	76731	UUR100144
16425	52609	CBO102584	28487	64671	MTU202176	40548	76732	UUR100158
16426	52610	CBO102585	28488	64672	MTU202177	40549	76733	UUR100174
16427	52611	CBO102597	28489	64673	MTU202179	40550	76734	UUR100175
16428	52612	CBO102608	28490	64674	MTU202181	40551	76735	UUR100177
16429	52613	CBO102612	28491	64675	MTU202182	40552	76736	UUR100180
16430	52614	CBO102613	28492	64676	MTU202184	40553	76737	UUR100184
16431	52615	CBO102626	28493	64677	MTU202185	40554	76738	UUR100185
16432	52616	CBO102636	28494	64678	MTU202188	40555	76739	UUR100186
16433	52617	CBO102641	28495	64679	MTU202191	40556	76740	UUR100187
16434	52618	CBO102643	28496	64680	MTU202199	40557	76741	UUR100188
16435	52619	CBO102646	28497	64681	MTU202200	40558	76742	UUR100192
16436	52620	CBO102655	28498	64682	MTU202210	40559	76743	UUR100193
16437	52621	CBO102656	28499	64683	MTU202211	40560	76744	UUR100194
16438	52622	CBO102661	28500	64684	MTU202218	40561	76745	UUR100195
16439	52623	CBO102667	28501	64685	MTU202245	40562	76746	UUR100196
16440	52624	CBO102672	28502	64686	MTU202247	40563	76747	UUR100197

DNA SeqID	Protein SeqID	Gene LocusID	DNA SeqID	Protein SeqID	Gene LocusID	DNA SeqID	Protein SeqID	Gene LocusID
16441	52625	CBO102674	28503	64687	MTU202253	40564	76748	UUR100200
16442	52626	CBO102675	28504	64688	MTU202264	40565	76749	UUR100202
16443	52627	CBO102678	28505	64689	MTU202265	40566	76750	UUR100203
16444	52628	CBO102681	28506	64690	MTU202291	40567	76751	UUR100204
16445	52629	CBO102689	28507	64691	MTU202299	40568	76752	UUR100210
16446	52630	CBO102699	28508	64692	MTU202300	40569	76753	UUR100211
16447	52631	CBO102700	28509	64693	MTU202301	40570	76754	UUR100212
16448	52632	CBO102707	28510	64694	MTU202309	40571	76755	UUR100213
16449	52633	CBO102717	28511	64695	MTU202311	40572	76756	UUR100217
16450	52634	CBO102722	28512	64696	MTU202320	40573	76757	UUR100223
16451	52635	CBO102725	28513	64697	MTU202321	40574	76758	UUR100224
16452	52636	CBO102727	28514	64698	MTU202325	40575	76759	UUR100229
16453	52637	CBO102730	28515	64699	MTU202328	40576	76760	UUR100230
16454	52638	CBO102736	28516	64700	MTU202330	40577	76761	UUR100231
16455	52639	CBO102746	28517	64701	MTU202336	40578	76762	UUR100232
16456	52640	CBO102754	28518	64702	MTU202344	40579	76763	UUR100233
16457	52641	CBO102757	28519	64703	MTU202348	40580	76764	UUR100234
16458	52642	CBO102771	28520	64704	MTU202358	40581	76765	UUR100235
16459	52643	CBO102775	28521	64705	MTU202376	40582	76766	UUR100236
16460	52644	CBO102777	28522	64706	MTU202378	40583	76767	UUR100237
16461	52645	CBO102786	28523	64707	MTU202391	40584	76768	UUR100238
16462	52646	CBO102797	28524	64708	MTU202392	40585	76769	UUR100239
16463	52647	CBO102806	28525	64709	MTU202404	40586	76770	UUR100240
16464	52648	CBO102816	28526	64710	MTU202405	40587	76771	UUR100241
16465	52649	CBO102824	28527	64711	MTU202406	40588	76772	UUR100242
16466	52650	CBO102827	28528	64712	MTU202407	40589	76773	UUR100243
16467	52651	CBO102837	28529	64713	MTU202408	40590	76774	UUR100244
16468	52652	CBO102854	28530	64714	MTU202412	40591	76775	UUR100245
16469	52653	CBO102863	28531	64715	MTU202418	40592	76776	UUR100246
16470	52654	CBO102871	28532	64716	MTU202420	40593	76777	UUR100247
16471	52655	CBO102910	28533	64717	MTU202421	40594	76778	UUR100248
16472	52656	CBO102919	28534	64718	MTU202429	40595	76779	UUR100249
16473	52657	CBO102927	28535	64719	MTU202431	40596	76780	UUR100250
16474	52658	CBO102930	28536	64720	MTU202434	40597	76781	UUR100251
16475	52659	CBO102935	28537	64721	MTU202435	40598	76782	UUR100252
16476	52660	CBO102943	28538	64722	MTU202439	40599	76783	UUR100253
16477	52661	CBO102946	28539	64723	MTU202440	40600	76784	UUR100255
16478	52662	CBO102950	28540	64724	MTU202441	40601	76785	UUR100256
16479	52663	CBO102953	28541	64725	MTU202443	40602	76786	UUR100257
16480	52664	CBO102960	28542	64726	MTU202451	40603	76787	UUR100258
16481	52665	CBO102961	28543	64727	MTU202459	40604	76788	UUR100259
16482	52666	CBO102962	28544	64728	MTU202460	40605	76789	UUR100260
16483	52667	CBO102964	28545	64729	MTU202461	40606	76790	UUR100266
16484	52668	CBO102965	28546	64730	MTU202464	40607	76791	UUR100269
16485	52669	CBO102972	28547	64731	MTU202465	40608	76792	UUR100270
16486	52670	CBO102974	28548	64732	MTU202468	40609	76793	UUR100272
16487	52671	CBO102977	28549	64733	MTU202486	40610	76794	UUR100275
16488	52672	CBO102979	28550	64734	MTU202496	40611	76795	UUR100278
16489	52673	CBO102992	28551	64735	MTU202503	40612	76796	UUR100279
16490	52674	CBO102997	28552	64736	MTU202514	40613	76797	UUR100280
16491	52675	CBO102999	28553	64737	MTU202515	40614	76798	UUR100281
16492	52676	CBO103006	28554	64738	MTU202517	40615	76799	UUR100284
16493	52677	CBO103013	28555	64739	MTU202518	40616	76800	UUR100285
16494	52678	CBO103029	28556	64740	MTU202522	40617	76801	UUR100286
16495	52679	CBO103030	28557	64741	MTU202526	40618	76802	UUR100287

DNA SeqID	Protein SeqID	Gene LocusID	DNA SeqID	Protein SeqID	Gene LocusID	DNA SeqID	Protein SeqID	Gene LocusID
16496	52680	CBO103032	28558	64742	MTU202530	40619	76803	UUR100288
16497	52681	CBO103036	28559	64743	MTU202534	40620	76804	UUR100302
16498	52682	CBO103038	28560	64744	MTU202535	40621	76805	UUR100303
16499	52683	CBO103040	28561	64745	MTU202543	40622	76806	UUR100308
16500	52684	CBO103041	28562	64746	MTU202546	40623	76807	UUR100310
16501	52685	CBO103047	28563	64747	MTU202567	40624	76808	UUR100311
16502	52686	CBO103048	28564	64748	MTU202569	40625	76809	UUR100312
16503	52687	CBO103052	28565	64749	MTU202577	40626	76810	UUR100320
16504	52688	CBO103058	28566	64750	MTU202578	40627	76811	UUR100322
16505	52689	CBO103064	28567	64751	MTU202597	40628	76812	UUR100329
16506	52690	CBO103068	28568	64752	MTU202605	40629	76813	UUR100332
16507	52691	CBO103078	28569	64753	MTU202612	40630	76814	UUR100341
16508	52692	CBO103098	28570	64754	MTU202632	40631	76815	UUR100344
16509	52693	CBO103104	28571	64755	MTU202655	40632	76816	UUR100350
16510	52694	CBO103110	28572	64756	MTU202665	40633	76817	UUR100351
16511	52695	CBO103112	28573	64757	MTU202666	40634	76818	UUR100356
16512	52696	CBO103120	28574	64758	MTU202676	40635	76819	UUR100357
16513	52697	CBO103121	28575	64759	MTU202686	40636	76820	UUR100360
16514	52698	CBO103123	28576	64760	MTU202692	40637	76821	UUR100364
16515	52699	CBO103128	28577	64761	MTU202700	40638	76822	UUR100366
16516	52700	CBO103139	28578	64762	MTU202703	40639	76823	UUR100367
16517	52701	CBO103141	28579	64763	MTU202704	40640	76824	UUR100371
16518	52702	CBO103142	28580	64764	MTU202709	40641	76825	UUR100372
16519	52703	CBO103145	28581	64765	MTU202711	40642	76826	UUR100373
16520	52704	CBO103147	28582	64766	MTU202715	40643	76827	UUR100374
16521	52705	CBO103162	28583	64767	MTU202719	40644	76828	UUR100377
16522	52706	CBO103178	28584	64768	MTU202726	40645	76829	UUR100379
16523	52707	CBO103182	28585	64769	MTU202727	40646	76830	UUR100385
16524	52708	CBO103185	28586	64770	MTU202735	40647	76831	UUR100386
16525	52709	CBO103187	28587	64771	MTU202743	40648	76832	UUR100388
16526	52710	CBO103199	28588	64772	MTU202744	40649	76833	UUR100389
16527	52711	CBO103205	28589	64773	MTU202745	40650	76834	UUR100392
16528	52712	CBO103215	28590	64774	MTU202747	40651	76835	UUR100394
16529	52713	CBO103219	28591	64775	MTU202748	40652	76836	UUR100396
16530	52714	CBO103220	28592	64776	MTU202753	40653	76837	UUR100397
16531	52715	CBO103224	28593	64777	MTU202755	40654	76838	UUR100400
16532	52716	CBO103233	28594	64778	MTU202763	40655	76839	UUR100405
16533	52717	CBO103235	28595	64779	MTU202776	40656	76840	UUR100408
16534	52718	CBO103236	28596	64780	MTU202795	40657	76841	UUR100414
16535	52719	CBO103246	28597	64781	MTU202801	40658	76842	UUR100415
16536	52720	CBO103254	28598	64782	MTU202803	40659	76843	UUR100416
16537	52721	CBO103256	28599	64783	MTU202807	40660	76844	UUR100417
16538	52722	CBO103263	28600	64784	MTU202809	40661	76845	UUR100418
16539	52723	CBO103264	28601	64785	MTU202814	40662	76846	UUR100419
16540	52724	CBO103265	28602	64786	MTU202815	40663	76847	UUR100434
16541	52725	CBO103269	28603	64787	MTU202817	40664	76848	UUR100435
16542	52726	CBO103272	28604	64788	MTU202830	40665	76849	UUR100437
16543	52727	CBO103276	28605	64789	MTU202843	40666	76850	UUR100439
16544	52728	CBO103281	28606	64790	MTU202844	40667	76851	UUR100440
16545	52729	CBO103283	28607	64791	MTU202845	40668	76852	UUR100451
16546	52730	CBO103295	28608	64792	MTU202851	40669	76853	UUR100457
16547	52731	CBO103307	28609	64793	MTU202852	40670	76854	UUR100458
16548	52732	CBO103313	28610	64794	MTU202862	40671	76855	UUR100462
16549	52733	CBO103315	28611	64795	MTU202864	40672	76856	UUR100463
16550	52734	CBO103321	28612	64796	MTU202865	40673	76857	UUR100465

DNA SeqID	Protein SeqID	Gene LocusID	DNA SeqID	Protein SeqID	Gene LocusID	DNA SeqID	Protein SeqID	Gene LocusID
16551	52735	CBO103340	28613	64797	MTU202866	40674	76858	UUR100466
16552	52736	CBO103355	28614	64798	MTU202868	40675	76859	UUR100471
16553	52737	CBO103358	28615	64799	MTU202869	40676	76860	UUR100472
16554	52738	CBO103359	28616	64800	MTU202870	40677	76861	UUR100473
16555	52739	CBO103360	28617	64801	MTU202871	40678	76862	UUR100475
16556	52740	CBO103373	28618	64802	MTU202878	40679	76863	UUR100479
16557	52741	CBO103374	28619	64803	MTU202880	40680	76864	UUR100480
16558	52742	CBO103376	28620	64804	MTU202883	40681	76865	UUR100487
16559	52743	CBO103378	28621	64805	MTU202884	40682	76866	UUR100488
16560	52744	CBO103379	28622	64806	MTU202886	40683	76867	UUR100490
16561	52745	CBO103381	28623	64807	MTU202908	40684	76868	UUR100496
16562	52746	CBO103389	28624	64808	MTU202919	40685	76869	UUR100498
16563	52747	CBO103391	28625	64809	MTU202926	40686	76870	UUR100499
16564	52748	CBO103395	28626	64810	MTU202929	40687	76871	UUR100500
16565	52749	CBO103408	28627	64811	MTU202933	40688	76872	UUR100503
16566	52750	CBO103413	28628	64812	MTU202934	40689	76873	UUR100505
16567	52751	CBO103420	28629	64813	MTU202939	40690	76874	UUR100506
16568	52752	CBO103433	28630	64814	MTU202942	40691	76875	UUR100511
16569	52753	CBO103439	28631	64815	MTU202943	40692	76876	UUR100512
16570	52754	CBO103442	28632	64816	MTU202944	40693	76877	UUR100513
16571	52755	CBO103445	28633	64817	MTU202948	40694	76878	UUR100517
16572	52756	CBO103448	28634	64818	MTU202950	40695	76879	UUR100518
16573	52757	CBO103462	28635	64819	MTU202954	40696	76880	UUR100519
16574	52758	CBO103473	28636	64820	MTU202955	40697	76881	UUR100520
16575	52759	CBO103480	28637	64821	MTU202963	40698	76882	UUR100522
16576	52760	CBO103490	28638	64822	MTU202964	40699	76883	UUR100525
16577	52761	CBO103491	28639	64823	MTU202965	40700	76884	UUR100526
16578	52762	CBO103493	28640	64824	MTU202971	40701	76885	UUR100528
16579	52763	CBO103496	28641	64825	MTU202972	40702	76886	UUR100529
16580	52764	CBO103499	28642	64826	MTU202973	40703	76887	UUR100530
16581	52765	CBO103509	28643	64827	MTU202974	40704	76888	UUR100531
16582	52766	CBO103513	28644	64828	MTU202976	40705	76889	UUR100534
16583	52767	CBO103516	28645	64829	MTU202980	40706	76890	UUR100535
16584	52768	CBO103521	28646	64830	MTU202984	40707	76891	UUR100536
16585	52769	CBO103526	28647	64831	MTU202994	40708	76892	UUR100539
16586	52770	CBO103541	28648	64832	MTU203003	40709	76893	UUR100540
16587	52771	CBO103547	28649	64833	MTU203005	40710	76894	UUR100543
16588	52772	CBO103560	28650	64834	MTU203011	40711	76895	UUR100544
16589	52773	CBO103563	28651	64835	MTU203012	40712	76896	UUR100545
16590	52774	CBO103567	28652	64836	MTU203042	40713	76897	UUR100546
16591	52775	CBO103577	28653	64837	MTU203060	40714	76898	UUR100547
16592	52776	CBO103578	28654	64838	MTU203064	40715	76899	UUR100550
16593	52777	CBO103581	28655	64839	MTU203065	40716	76900	UUR100551
16594	52778	CBO103582	28656	64840	MTU203069	40717	76901	UUR100556
16595	52779	CBO103583	28657	64841	MTU203076	40718	76902	UUR100557
16596	52780	CBO103586	28658	64842	MTU203106	40719	76903	UUR100558
16597	52781	CBO103589	28659	64843	MTU203107	40720	76904	UUR100559
16598	52782	CBO103591	28660	64844	MTU203113	40721	76905	UUR100560
16599	52783	CBO103609	28661	64845	MTU203142	40722	76906	UUR100566
16600	52784	CBO103612	28662	64846	MTU203144	40723	76907	UUR100573
16601	52785	CBO103614	28663	64847	MTU203156	40724	76908	UUR100574
16602	52786	CBO103619	28664	64848	MTU203167	40725	76909	UUR100575
16603	52787	CBO103621	28665	64849	MTU203186	40726	76910	UUR100576
16604	52788	CBO103642	28666	64850	MTU203187	40727	76911	UUR100577
16605	52789	CBO103643	28667	64851	MTU203193	40728	76912	UUR100579

DNA SeqID	Protein SeqID	Gene LocusID	DNA SeqID	Protein SeqID	Gene LocusID	DNA SeqID	Protein SeqID	Gene LocusID
16606	52790	CBO103647	28668	64852	MTU203196	40729	76913	UR100580
16607	52791	CBO103649	28669	64853	MTU203197	40730	76914	UR100583
16608	52792	CBO103651	28670	64854	MTU203204	40731	76915	UR100584
16609	52793	CBO103653	28671	64855	MTU203210	40732	76916	UR100585
16610	52794	CBO103664	28672	64856	MTU203212	40733	76917	UR100586
16611	52795	CBO103674	28673	64857	MTU203219	40734	76918	UR100587
16612	52796	CBO103679	28674	64858	MTU203253	40735	76919	UR100588
16613	52797	CBO103680	28675	64859	MTU203263	40736	76920	UR100589
16614	52798	CBO103682	28676	64860	MTU203265	40737	76921	UR100592
16615	52799	CBO103696	28677	64861	MTU203266	40738	76922	UR100593
16616	52800	CBO103697	28678	64862	MTU203275	40739	76923	UR100594
16617	52801	CBO103698	28679	64863	MTU203283	40740	76924	UR100597
16618	52802	CBO103706	28680	64864	MTU203288	40741	76925	UR100599
16619	52803	CBO103707	28681	64865	MTU203289	40742	76926	UR100601
16620	52804	CBO103711	28682	64866	MTU203293	40743	76927	UR100602
16621	52805	CBO103715	28683	64867	MTU203301	40744	76928	UR100603
16622	52806	CBO103725	28684	64868	MTU203321	40745	76929	UR100606
16623	52807	CBO103735	28685	64869	MTU203322	40746	76930	UR100608
16624	52808	CBO103745	28686	64870	MTU203335	40747	76931	UR100609
16625	52809	CBO103748	28687	64871	MTU203338	40748	76932	UR100610
16626	52810	CBO103750	28688	64872	MTU203341	40749	76933	UR100611
16627	52811	CBO103752	28689	64873	MTU203347	40750	76934	VCH100003
16628	52812	CBO103757	28690	64874	MTU203350	40751	76935	VCH100004
16629	52813	CBO103759	28691	64875	MTU203373	40752	76936	VCH100006
16630	52814	CBO103765	28692	64876	MTU203377	40753	76937	VCH100007
16631	52815	CBO103766	28693	64877	MTU203389	40754	76938	VCH100012
16632	52816	CBO103777	28694	64878	MTU203394	40755	76939	VCH100013
16633	52817	CBO103787	28695	64879	MTU203395	40756	76940	VCH100015
16634	52818	CBO103801	28696	64880	MTU203396	40757	76941	VCH100019
16635	52819	CBO103805	28697	64881	MTU203401	40758	76942	VCH100020
16636	52820	CBO103820	28698	64882	MTU203407	40759	76943	VCH100021
16637	52821	CBO103821	28699	64883	MTU203409	40760	76944	VCH100028
16638	52822	CBO103823	28700	64884	MTU203410	40761	76945	VCH100029
16639	52823	CBO103824	28701	64885	MTU203411	40762	76946	VCH100035
16640	52824	CBO103826	28702	64886	MTU203412	40763	76947	VCH100040
16641	52825	CBO103831	28703	64887	MTU203413	40764	76948	VCH100043
16642	52826	CBO103837	28704	64888	MTU203414	40765	76949	VCH100044
16643	52827	CBO103842	28705	64889	MTU203415	40766	76950	VCH100047
16644	52828	CBO103848	28706	64890	MTU203421	40767	76951	VCH100056
16645	52829	CBO103858	28707	64891	MTU203428	40768	76952	VCH100062
16646	52830	CBO103865	28708	64892	MTU203431	40769	76953	VCH100065
16647	52831	CBO103870	28709	64893	MTU203452	40770	76954	VCH100080
16648	52832	CBO103872	28710	64894	MTU203456	40771	76955	VCH100083
16649	52833	CBO103873	28711	64895	MTU203460	40772	76956	VCH100105
16650	52834	CBO103874	28712	64896	MTU203462	40773	76957	VCH100108
16651	52835	CBO103886	28713	64897	MTU203475	40774	76958	VCH100112
16652	52836	CBO103893	28714	64898	MTU203523	40775	76959	VCH100120
16653	52837	CBO103904	28715	64899	MTU203528	40776	76960	VCH100127
16654	52838	CBO103909	28716	64900	MTU203529	40777	76961	VCH100128
16655	52839	CBO103912	28717	64901	MTU203530	40778	76962	VCH100133
16656	52840	CBO103921	28718	64902	MTU203533	40779	76963	VCH100134
16657	52841	CBO103928	28719	64903	MTU203538	40780	76964	VCH100135
16658	52842	CBO103931	28720	64904	MTU203540	40781	76965	VCH100138
16659	52843	CBO103935	28721	64905	MTU203543	40782	76966	VCH100146
16660	52844	CBO103939	28722	64906	MTU203544	40783	76967	VCH100150

DNA SeqID	Protein SeqID	Gene LocusID	DNA SeqID	Protein SeqID	Gene LocusID	DNA SeqID	Protein SeqID	Gene LocusID
16661	52845	CBO103949	28723	64907	MTU203546	40784	76968	VCH100156
16662	52846	CBO103951	28724	64908	MTU203554	40785	76969	VCH100160
16663	52847	CBO103952	28725	64909	MTU203556	40786	76970	VCH100162
16664	52848	CBO103956	28726	64910	MTU203558	40787	76971	VCH100165
16665	52849	CBO103958	28727	64911	MTU203566	40788	76972	VCH100168
16666	52850	CBO103963	28728	64912	MTU203571	40789	76973	VCH100169
16667	52851	CDF100003	28729	64913	MTU203573	40790	76974	VCH100184
16668	52852	CDF100007	28730	64914	MTU203575	40791	76975	VCH100185
16669	52853	CDF100009	28731	64915	MTU203589	40792	76976	VCH100188
16670	52854	CDF100014	28732	64916	MTU203594	40793	76977	VCH100192
16671	52855	CDF100018	28733	64917	MTU203605	40794	76978	VCH100194
16672	52856	CDF100026	28734	64918	MTU203609	40795	76979	VCH100198
16673	52857	CDF100033	28735	64919	MTU203610	40796	76980	VCH100199
16674	52858	CDF100035	28736	64920	MTU203611	40797	76981	VCH100200
16675	52859	CDF100043	28737	64921	MTU203613	40798	76982	VCH100201
16676	52860	CDF100046	28738	64922	MTU203618	40799	76983	VCH100205
16677	52861	CDF100047	28739	64923	MTU203634	40800	76984	VCH100207
16678	52862	CDF100051	28740	64924	MTU203642	40801	76985	VCH100209
16679	52863	CDF100053	28741	64925	MTU203654	40802	76986	VCH100215
16680	52864	CDF100058	28742	64926	MTU203655	40803	76987	VCH100216
16681	52865	CDF100059	28743	64927	MTU203658	40804	76988	VCH100217
16682	52866	CDF100062	28744	64928	MTU203659	40805	76989	VCH100219
16683	52867	CDF100063	28745	64929	MTU203661	40806	76990	VCH100222
16684	52868	CDF100066	28746	64930	MTU203662	40807	76991	VCH100235
16685	52869	CDF100068	28747	64931	MTU203667	40808	76992	VCH100245
16686	52870	CDF100070	28748	64932	MTU203674	40809	76993	VCH100256
16687	52871	CDF100071	28749	64933	MTU203703	40810	76994	VCH100257
16688	52872	CDF100072	28750	64934	MTU203726	40811	76995	VCH100260
16689	52873	CDF100075	28751	64935	MTU203754	40812	76996	VCH100261
16690	52874	CDF100076	28752	64936	MTU203758	40813	76997	VCH100266
16691	52875	CDF100087	28753	64937	MTU203761	40814	76998	VCH100270
16692	52876	CDF100088	28754	64938	MTU203772	40815	76999	VCH100277
16693	52877	CDF100095	28755	64939	MTU203778	40816	77000	VCH100291
16694	52878	CDF100096	28756	64940	MTU203779	40817	77001	VCH100292
16695	52879	CDF100099	28757	64941	MTU203787	40818	77002	VCH100294
16696	52880	CDF100102	28758	64942	MTU203803	40819	77003	VCH100303
16697	52881	CDF100104	28759	64943	MTU203804	40820	77004	VCH100307
16698	52882	CDF100113	28760	64944	MTU203821	40821	77005	VCH100313
16699	52883	CDF100120	28761	64945	MTU203824	40822	77006	VCH100316
16700	52884	CDF100125	28762	64946	MTU203852	40823	77007	VCH100318
16701	52885	CDF100127	28763	64947	MTU203855	40824	77008	VCH100319
16702	52886	CDF100128	28764	64948	MTU203860	40825	77009	VCH100320
16703	52887	CDF100130	28765	64949	MTU203863	40826	77010	VCH100321
16704	52888	CDF100131	28766	64950	MTU203864	40827	77011	VCH100322
16705	52889	CDF100132	28767	64951	MTU203866	40828	77012	VCH100323
16706	52890	CDF100133	28768	64952	MTU203868	40829	77013	VCH100324
16707	52891	CDF100134	28769	64953	MTU203869	40830	77014	VCH100339
16708	52892	CDF100139	28770	64954	MTU300292	40831	77015	VCH100340
16709	52893	CDF100154	28771	64955	MTU300544	40832	77016	VCH100344
16710	52894	CDF100159	28772	64956	MTU301399	40833	77017	VCH100353
16711	52895	CDF100169	28773	64957	MTU301470	40834	77018	VCH100354
16712	52896	CDF100177	28774	64958	MTU301482	40835	77019	VCH100355
16713	52897	CDF100179	28775	64959	MTU301610	40836	77020	VCH100356
16714	52898	CDF100180	28776	64960	MTU301614	40837	77021	VCH100357
16715	52899	CDF100184	28777	64961	MTU301852	40838	77022	VCH100361

DNA SeqID	Protein SeqID	Gene LocusID	DNA SeqID	Protein SeqID	Gene LocusID	DNA SeqID	Protein SeqID	Gene LocusID
16716	52900	CDF100186	28778	64962	MTU302860	40839	77023	VCH100362
16717	52901	CDF100203	28779	64963	MTU303412	40840	77024	VCH100363
16718	52902	CDF100209	28780	64964	MTU303433	40841	77025	VCH100364
16719	52903	CDF100210	28781	64965	MTU400006	40842	77026	VCH100366
16720	52904	CDF100211	28782	64966	MTU400129	40843	77027	VCH100367
16721	52905	CDF100218	28783	64967	MTU400793	40844	77028	VCH100369
16722	52906	CDF100221	28784	64968	MTU400863	40845	77029	VCH100374
16723	52907	CDF100237	28785	64969	MTU401062	40846	77030	VCH100384
16724	52908	CDF100241	28786	64970	MTU402591	40847	77031	VCH100385
16725	52909	CDF100246	28787	64971	MTU402689	40848	77032	VCH100387
16726	52910	CDF100250	28788	64972	MTU403167	40849	77033	VCH100389
16727	52911	CDF100252	28789	64973	MTU403327	40850	77034	VCH100390
16728	52912	CDF100257	28790	64974	MTU403379	40851	77035	VCH100392
16729	52913	CDF100258	28791	64975	MTU403382	40852	77036	VCH100393
16730	52914	CDF100259	28792	64976	MTU403691	40853	77037	VCH100410
16731	52915	CDF100265	28793	64977	MTU403766	40854	77038	VCH100415
16732	52916	CDF100266	28794	64978	MTU404234	40855	77039	VCH100423
16733	52917	CDF100269	28795	64979	MTU405320	40856	77040	VCH100428
16734	52918	CDF100271	28796	64980	MTU405366	40857	77041	VCH100429
16735	52919	CDF100272	28797	64981	MTU405582	40858	77042	VCH100430
16736	52920	CDF100273	28798	64982	MTU405732	40859	77043	VCH100431
16737	52921	CDF100282	28799	64983	MTU405761	40860	77044	VCH100432
16738	52922	CDF100283	28800	64984	MTU405812	40861	77045	VCH100435
16739	52923	CDF100284	28801	64985	MTU405844	40862	77046	VCH100438
16740	52924	CDF100285	28802	64986	MTU406070	40863	77047	VCH100444
16741	52925	CDF100292	28803	64987	MTU406545	40864	77048	VCH100451
16742	52926	CDF100310	28804	64988	MTU406882	40865	77049	VCH100456
16743	52927	CDF100311	28805	64989	MTU407268	40866	77050	VCH100457
16744	52928	CDF100312	28806	64990	MTU408202	40867	77051	VCH100460
16745	52929	CDF100314	28807	64991	MTU408706	40868	77052	VCH100461
16746	52930	CDF100316	28808	64992	MTU409282	40869	77053	VCH100464
16747	52931	CDF100322	28809	64993	MTU409357	40870	77054	VCH100465
16748	52932	CDF100332	28810	64994	MTU410483	40871	77055	VCH100467
16749	52933	CDF100334	28811	64995	MTU411238	40872	77056	VCH100468
16750	52934	CDF100340	28812	64996	MTU411274	40873	77057	VCH100472
16751	52935	CDF100344	28813	64997	NGO100006	40874	77058	VCH100473
16752	52936	CDF100351	28814	64998	NGO100013	40875	77059	VCH100475
16753	52937	CDF100354	28815	64999	NGO100018	40876	77060	VCH100477
16754	52938	CDF100356	28816	65000	NGO100025	40877	77061	VCH100478
16755	52939	CDF100358	28817	65001	NGO100027	40878	77062	VCH100480
16756	52940	CDF100360	28818	65002	NGO100030	40879	77063	VCH100482
16757	52941	CDF100361	28819	65003	NGO100032	40880	77064	VCH100495
16758	52942	CDF100362	28820	65004	NGO100033	40881	77065	VCH100502
16759	52943	CDF100364	28821	65005	NGO100038	40882	77066	VCH100506
16760	52944	CDF100372	28822	65006	NGO100042	40883	77067	VCH100509
16761	52945	CDF100373	28823	65007	NGO100045	40884	77068	VCH100510
16762	52946	CDF100374	28824	65008	NGO100049	40885	77069	VCH100511
16763	52947	CDF100380	28825	65009	NGO100051	40886	77070	VCH100513
16764	52948	CDF100385	28826	65010	NGO100059	40887	77071	VCH100518
16765	52949	CDF100403	28827	65011	NGO100062	40888	77072	VCH100519
16766	52950	CDF100404	28828	65012	NGO100068	40889	77073	VCH100525
16767	52951	CDF100406	28829	65013	NGO100069	40890	77074	VCH100528
16768	52952	CDF100408	28830	65014	NGO100074	40891	77075	VCH100533
16769	52953	CDF100424	28831	65015	NGO100075	40892	77076	VCH100534
16770	52954	CDF100432	28832	65016	NGO100078	40893	77077	VCH100535

DNA SeqID	Protein SeqID	Gene LocusID	DNA SeqID	Protein SeqID	Gene LocusID	DNA SeqID	Protein SeqID	Gene LocusID
16771	52955	CDF100438	28833	65017	NGO100079	40894	77078	VCH100538
16772	52956	CDF100440	28834	65018	NGO100089	40895	77079	VCH100540
16773	52957	CDF100442	28835	65019	NGO100092	40896	77080	VCH100542
16774	52958	CDF100453	28836	65020	NGO100096	40897	77081	VCH100544
16775	52959	CDF100458	28837	65021	NGO100099	40898	77082	VCH100549
16776	52960	CDF100459	28838	65022	NGO100106	40899	77083	VCH100550
16777	52961	CDF100480	28839	65023	NGO100109	40900	77084	VCH100551
16778	52962	CDF100483	28840	65024	NGO100112	40901	77085	VCH100552
16779	52963	CDF100484	28841	65025	NGO100123	40902	77086	VCH100553
16780	52964	CDF100485	28842	65026	NGO100131	40903	77087	VCH100554
16781	52965	CDF100493	28843	65027	NGO100136	40904	77088	VCH100556
16782	52966	CDF100494	28844	65028	NGO100139	40905	77089	VCH100557
16783	52967	CDF100497	28845	65029	NGO100148	40906	77090	VCH100560
16784	52968	CDF100502	28846	65030	NGO100151	40907	77091	VCH100561
16785	52969	CDF100503	28847	65031	NGO100154	40908	77092	VCH100566
16786	52970	CDF100504	28848	65032	NGO100157	40909	77093	VCH100572
16787	52971	CDF100511	28849	65033	NGO100160	40910	77094	VCH100581
16788	52972	CDF100513	28850	65034	NGO100170	40911	77095	VCH100582
16789	52973	CDF100515	28851	65035	NGO100172	40912	77096	VCH100583
16790	52974	CDF100518	28852	65036	NGO100173	40913	77097	VCH100584
16791	52975	CDF100524	28853	65037	NGO100175	40914	77098	VCH100585
16792	52976	CDF100529	28854	65038	NGO100178	40915	77099	VCH100590
16793	52977	CDF100530	28855	65039	NGO100180	40916	77100	VCH100591
16794	52978	CDF100533	28856	65040	NGO100181	40917	77101	VCH100593
16795	52979	CDF100537	28857	65041	NGO100183	40918	77102	VCH100611
16796	52980	CDF100539	28858	65042	NGO100185	40919	77103	VCH100612
16797	52981	CDF100545	28859	65043	NGO100195	40920	77104	VCH100620
16798	52982	CDF100546	28860	65044	NGO100196	40921	77105	VCH100621
16799	52983	CDF100547	28861	65045	NGO100198	40922	77106	VCH100625
16800	52984	CDF100548	28862	65046	NGO100201	40923	77107	VCH100626
16801	52985	CDF100549	28863	65047	NGO100202	40924	77108	VCH100627
16802	52986	CDF100550	28864	65048	NGO100207	40925	77109	VCH100630
16803	52987	CDF100552	28865	65049	NGO100210	40926	77110	VCH100631
16804	52988	CDF100553	28866	65050	NGO100212	40927	77111	VCH100633
16805	52989	CDF100554	28867	65051	NGO100216	40928	77112	VCH100634
16806	52990	CDF100556	28868	65052	NGO100223	40929	77113	VCH100635
16807	52991	CDF100557	28869	65053	NGO100225	40930	77114	VCH100646
16808	52992	CDF100573	28870	65054	NGO100228	40931	77115	VCH100647
16809	52993	CDF100578	28871	65055	NGO100235	40932	77116	VCH100650
16810	52994	CDF100584	28872	65056	NGO100236	40933	77117	VCH100651
16811	52995	CDF100586	28873	65057	NGO100237	40934	77118	VCH100654
16812	52996	CDF100587	28874	65058	NGO100241	40935	77119	VCH100655
16813	52997	CDF100604	28875	65059	NGO100244	40936	77120	VCH100662
16814	52998	CDF100605	28876	65060	NGO100248	40937	77121	VCH100663
16815	52999	CDF100608	28877	65061	NGO100249	40938	77122	VCH100665
16816	53000	CDF100611	28878	65062	NGO100250	40939	77123	VCH100666
16817	53001	CDF100616	28879	65063	NGO100251	40940	77124	VCH100667
16818	53002	CDF100620	28880	65064	NGO100260	40941	77125	VCH100668
16819	53003	CDF100635	28881	65065	NGO100273	40942	77126	VCH100669
16820	53004	CDF100645	28882	65066	NGO100274	40943	77127	VCH100677
16821	53005	CDF100649	28883	65067	NGO100285	40944	77128	VCH100679
16822	53006	CDF100661	28884	65068	NGO100287	40945	77129	VCH100680
16823	53007	CDF100673	28885	65069	NGO100293	40946	77130	VCH100681
16824	53008	CDF100692	28886	65070	NGO100300	40947	77131	VCH100685
16825	53009	CDF100712	28887	65071	NGO100301	40948	77132	VCH100698

DNA SeqID	Protein SeqID	Gene LocusID	DNA SeqID	Protein SeqID	Gene LocusID	DNA SeqID	Protein SeqID	Gene LocusID
16826	53010	CDF100714	28888	65072	NGO100306	40949	77133	VCH100703
16827	53011	CDF100717	28889	65073	NGO100315	40950	77134	VCH100704
16828	53012	CDF100724	28890	65074	NGO100323	40951	77135	VCH100707
16829	53013	CDF100725	28891	65075	NGO100326	40952	77136	VCH100713
16830	53014	CDF100727	28892	65076	NGO100336	40953	77137	VCH100718
16831	53015	CDF100729	28893	65077	NGO100339	40954	77138	VCH100723
16832	53016	CDF100733	28894	65078	NGO100345	40955	77139	VCH100726
16833	53017	CDF100735	28895	65079	NGO100361	40956	77140	VCH100728
16834	53018	CDF100738	28896	65080	NGO100369	40957	77141	VCH100734
16835	53019	CDF100745	28897	65081	NGO100380	40958	77142	VCH100736
16836	53020	CDF100746	28898	65082	NGO100381	40959	77143	VCH100745
16837	53021	CDF100747	28899	65083	NGO100382	40960	77144	VCH100746
16838	53022	CDF100748	28900	65084	NGO100398	40961	77145	VCH100747
16839	53023	CDF100749	28901	65085	NGO100403	40962	77146	VCH100749
16840	53024	CDF100750	28902	65086	NGO100413	40963	77147	VCH100750
16841	53025	CDF100751	28903	65087	NGO100414	40964	77148	VCH100753
16842	53026	CDF100752	28904	65088	NGO100416	40965	77149	VCH100755
16843	53027	CDF100753	28905	65089	NGO100417	40966	77150	VCH100756
16844	53028	CDF100756	28906	65090	NGO100418	40967	77151	VCH100759
16845	53029	CDF100757	28907	65091	NGO100419	40968	77152	VCH100763
16846	53030	CDF100763	28908	65092	NGO100420	40969	77153	VCH100766
16847	53031	CDF100770	28909	65093	NGO100434	40970	77154	VCH100771
16848	53032	CDF100771	28910	65094	NGO100436	40971	77155	VCH100784
16849	53033	CDF100773	28911	65095	NGO100439	40972	77156	VCH100785
16850	53034	CDF100774	28912	65096	NGO100447	40973	77157	VCH100789
16851	53035	CDF100779	28913	65097	NGO100452	40974	77158	VCH100804
16852	53036	CDF100783	28914	65098	NGO100458	40975	77159	VCH100823
16853	53037	CDF100786	28915	65099	NGO100472	40976	77160	VCH100828
16854	53038	CDF100787	28916	65100	NGO100474	40977	77161	VCH100832
16855	53039	CDF100789	28917	65101	NGO100484	40978	77162	VCH100837
16856	53040	CDF100790	28918	65102	NGO100485	40979	77163	VCH100839
16857	53041	CDF100791	28919	65103	NGO100488	40980	77164	VCH100842
16858	53042	CDF100795	28920	65104	NGO100490	40981	77165	VCH100850
16859	53043	CDF100797	28921	65105	NGO100494	40982	77166	VCH100853
16860	53044	CDF100798	28922	65106	NGO100495	40983	77167	VCH100859
16861	53045	CDF100803	28923	65107	NGO100498	40984	77168	VCH100860
16862	53046	CDF100814	28924	65108	NGO100507	40985	77169	VCH100862
16863	53047	CDF100817	28925	65109	NGO100513	40986	77170	VCH100864
16864	53048	CDF100819	28926	65110	NGO100523	40987	77171	VCH100873
16865	53049	CDF100831	28927	65111	NGO100524	40988	77172	VCH100874
16866	53050	CDF100846	28928	65112	NGO100527	40989	77173	VCH100877
16867	53051	CDF100848	28929	65113	NGO100535	40990	77174	VCH100889
16868	53052	CDF100857	28930	65114	NGO100540	40991	77175	VCH100890
16869	53053	CDF100863	28931	65115	NGO100553	40992	77176	VCH100893
16870	53054	CDF100864	28932	65116	NGO100556	40993	77177	VCH100897
16871	53055	CDF100866	28933	65117	NGO100564	40994	77178	VCH100898
16872	53056	CDF100867	28934	65118	NGO100569	40995	77179	VCH100900
16873	53057	CDF100868	28935	65119	NGO100573	40996	77180	VCH100901
16874	53058	CDF100869	28936	65120	NGO100577	40997	77181	VCH100907
16875	53059	CDF100871	28937	65121	NGO100578	40998	77182	VCH100908
16876	53060	CDF100873	28938	65122	NGO100580	40999	77183	VCH100911
16877	53061	CDF100874	28939	65123	NGO100582	41000	77184	VCH100912
16878	53062	CDF100875	28940	65124	NGO100584	41001	77185	VCH100921
16879	53063	CDF100877	28941	65125	NGO100586	41002	77186	VCH100927
16880	53064	CDF100879	28942	65126	NGO100588	41003	77187	VCH100935

DNA SeqID	Protein SeqID	Gene LocusID	DNA SeqID	Protein SeqID	Gene LocusID	DNA SeqID	Protein SeqID	Gene LocusID
16881	53065	CDF100883	28943	65127	NGO100590	41004	77188	VCH100940
16882	53066	CDF100890	28944	65128	NGO100594	41005	77189	VCH100942
16883	53067	CDF100891	28945	65129	NGO100595	41006	77190	VCH100943
16884	53068	CDF100893	28946	65130	NGO100597	41007	77191	VCH100947
16885	53069	CDF100894	28947	65131	NGO100599	41008	77192	VCH100949
16886	53070	CDF100895	28948	65132	NGO100600	41009	77193	VCH100950
16887	53071	CDF100896	28949	65133	NGO100602	41010	77194	VCH100952
16888	53072	CDF100898	28950	65134	NGO100606	41011	77195	VCH100954
16889	53073	CDF100900	28951	65135	NGO100607	41012	77196	VCH100955
16890	53074	CDF100905	28952	65136	NGO100614	41013	77197	VCH100957
16891	53075	CDF100910	28953	65137	NGO100616	41014	77198	VCH100958
16892	53076	CDF100913	28954	65138	NGO100619	41015	77199	VCH100968
16893	53077	CDF100916	28955	65139	NGO100621	41016	77200	VCH100969
16894	53078	CDF100919	28956	65140	NGO100628	41017	77201	VCH100974
16895	53079	CDF100921	28957	65141	NGO100639	41018	77202	VCH100976
16896	53080	CDF100928	28958	65142	NGO100646	41019	77203	VCH100977
16897	53081	CDF100938	28959	65143	NGO100650	41020	77204	VCH100978
16898	53082	CDF100946	28960	65144	NGO100655	41021	77205	VCH100980
16899	53083	CDF100955	28961	65145	NGO100658	41022	77206	VCH100983
16900	53084	CDF100956	28962	65146	NGO100659	41023	77207	VCH101004
16901	53085	CDF100963	28963	65147	NGO100663	41024	77208	VCH101005
16902	53086	CDF100968	28964	65148	NGO100681	41025	77209	VCH101006
16903	53087	CDF100973	28965	65149	NGO100682	41026	77210	VCH101017
16904	53088	CDF100985	28966	65150	NGO100692	41027	77211	VCH101020
16905	53089	CDF100988	28967	65151	NGO100693	41028	77212	VCH101022
16906	53090	CDF100992	28968	65152	NGO100695	41029	77213	VCH101027
16907	53091	CDF101006	28969	65153	NGO100696	41030	77214	VCH101028
16908	53092	CDF101011	28970	65154	NGO100702	41031	77215	VCH101029
16909	53093	CDF101015	28971	65155	NGO100709	41032	77216	VCH101035
16910	53094	CDF101016	28972	65156	NGO100713	41033	77217	VCH101036
16911	53095	CDF101018	28973	65157	NGO100715	41034	77218	VCH101037
16912	53096	CDF101022	28974	65158	NGO100722	41035	77219	VCH101040
16913	53097	CDF101023	28975	65159	NGO100725	41036	77220	VCH101045
16914	53098	CDF101024	28976	65160	NGO100727	41037	77221	VCH101049
16915	53099	CDF101026	28977	65161	NGO100728	41038	77222	VCH101075
16916	53100	CDF101027	28978	65162	NGO100729	41039	77223	VCH101076
16917	53101	CDF101032	28979	65163	NGO100730	41040	77224	VCH101077
16918	53102	CDF101033	28980	65164	NGO100736	41041	77225	VCH101078
16919	53103	CDF101036	28981	65165	NGO100748	41042	77226	VCH101080
16920	53104	CDF101037	28982	65166	NGO100750	41043	77227	VCH101086
16921	53105	CDF101044	28983	65167	NGO100759	41044	77228	VCH101089
16922	53106	CDF101046	28984	65168	NGO100762	41045	77229	VCH101091
16923	53107	CDF101049	28985	65169	NGO100775	41046	77230	VCH101092
16924	53108	CDF101052	28986	65170	NGO100777	41047	77231	VCH101093
16925	53109	CDF101053	28987	65171	NGO100779	41048	77232	VCH101107
16926	53110	CDF101056	28988	65172	NGO100780	41049	77233	VCH101109
16927	53111	CDF101085	28989	65173	NGO100782	41050	77234	VCH101110
16928	53112	CDF101093	28990	65174	NGO100783	41051	77235	VCH101112
16929	53113	CDF101103	28991	65175	NGO100784	41052	77236	VCH101113
16930	53114	CDF101106	28992	65176	NGO100785	41053	77237	VCH101132
16931	53115	CDF101107	28993	65177	NGO100788	41054	77238	VCH101147
16932	53116	CDF101111	28994	65178	NGO100793	41055	77239	VCH101148
16933	53117	CDF101113	28995	65179	NGO100795	41056	77240	VCH101151
16934	53118	CDF101126	28996	65180	NGO100798	41057	77241	VCH101152
16935	53119	CDF101129	28997	65181	NGO100799	41058	77242	VCH101153

DNA SeqID	Protein SeqID	Gene LocusID	DNA SeqID	Protein SeqID	Gene LocusID	DNA SeqID	Protein SeqID	Gene LocusID
16936	53120	CDF101135	28998	65182	NGO100804	41059	77243	VCH101158
16937	53121	CDF101141	28999	65183	NGO100807	41060	77244	VCH101160
16938	53122	CDF101143	29000	65184	NGO100813	41061	77245	VCH101183
16939	53123	CDF101148	29001	65185	NGO100815	41062	77246	VCH101184
16940	53124	CDF101154	29002	65186	NGO100817	41063	77247	VCH101187
16941	53125	CDF101156	29003	65187	NGO100826	41064	77248	VCH101196
16942	53126	CDF101157	29004	65188	NGO100829	41065	77249	VCH101200
16943	53127	CDF101158	29005	65189	NGO100830	41066	77250	VCH101201
16944	53128	CDF101162	29006	65190	NGO100831	41067	77251	VCH101215
16945	53129	CDF101163	29007	65191	NGO100839	41068	77252	VCH101223
16946	53130	CDF101166	29008	65192	NGO100851	41069	77253	VCH101225
16947	53131	CDF101172	29009	65193	NGO100852	41070	77254	VCH101236
16948	53132	CDF101174	29010	65194	NGO100854	41071	77255	VCH101237
16949	53133	CDF101175	29011	65195	NGO100861	41072	77256	VCH101239
16950	53134	CDF101185	29012	65196	NGO100865	41073	77257	VCH101240
16951	53135	CDF101197	29013	65197	NGO100871	41074	77258	VCH101263
16952	53136	CDF101198	29014	65198	NGO100874	41075	77259	VCH101264
16953	53137	CDF101203	29015	65199	NGO100883	41076	77260	VCH101268
16954	53138	CDF101204	29016	65200	NGO100885	41077	77261	VCH101278
16955	53139	CDF101213	29017	65201	NGO100887	41078	77262	VCH101280
16956	53140	CDF101218	29018	65202	NGO100888	41079	77263	VCH101281
16957	53141	CDF101225	29019	65203	NGO100889	41080	77264	VCH101283
16958	53142	CDF101226	29020	65204	NGO100890	41081	77265	VCH101284
16959	53143	CDF101229	29021	65205	NGO100891	41082	77266	VCH101285
16960	53144	CDF101233	29022	65206	NGO100893	41083	77267	VCH101291
16961	53145	CDF101242	29023	65207	NGO100894	41084	77268	VCH101301
16962	53146	CDF101251	29024	65208	NGO100896	41085	77269	VCH101307
16963	53147	CDF101258	29025	65209	NGO100898	41086	77270	VCH101315
16964	53148	CDF101260	29026	65210	NGO100899	41087	77271	VCH101317
16965	53149	CDF101262	29027	65211	NGO100904	41088	77272	VCH101321
16966	53150	CDF101264	29028	65212	NGO100907	41089	77273	VCH101329
16967	53151	CDF101265	29029	65213	NGO100911	41090	77274	VCH101334
16968	53152	CDF101269	29030	65214	NGO100912	41091	77275	VCH101344
16969	53153	CDF101274	29031	65215	NGO100917	41092	77276	VCH101352
16970	53154	CDF101278	29032	65216	NGO100919	41093	77277	VCH101366
16971	53155	CDF101289	29033	65217	NGO100920	41094	77278	VCH101382
16972	53156	CDF101294	29034	65218	NGO100921	41095	77279	VCH101389
16973	53157	CDF101300	29035	65219	NGO100923	41096	77280	VCH101393
16974	53158	CDF101305	29036	65220	NGO100925	41097	77281	VCH101395
16975	53159	CDF101307	29037	65221	NGO100927	41098	77282	VCH101403
16976	53160	CDF101308	29038	65222	NGO100929	41099	77283	VCH101404
16977	53161	CDF101312	29039	65223	NGO100931	41100	77284	VCH101414
16978	53162	CDF101314	29040	65224	NGO100932	41101	77285	VCH101421
16979	53163	CDF101327	29041	65225	NGO100934	41102	77286	VCH101430
16980	53164	CDF101333	29042	65226	NGO100936	41103	77287	VCH101463
16981	53165	CDF101334	29043	65227	NGO100938	41104	77288	VCH101469
16982	53166	CDF101347	29044	65228	NGO100939	41105	77289	VCH101471
16983	53167	CDF101353	29045	65229	NGO100947	41106	77290	VCH101476
16984	53168	CDF101362	29046	65230	NGO100954	41107	77291	VCH101496
16985	53169	CDF101374	29047	65231	NGO100957	41108	77292	VCH101497
16986	53170	CDF101386	29048	65232	NGO100959	41109	77293	VCH101503
16987	53171	CDF101392	29049	65233	NGO100962	41110	77294	VCH101525
16988	53172	CDF101397	29050	65234	NGO100967	41111	77295	VCH101530
16989	53173	CDF101399	29051	65235	NGO100971	41112	77296	VCH101533
16990	53174	CDF101403	29052	65236	NGO100973	41113	77297	VCH101534

DNA SeqID	Protein SeqID	Gene LocusID	DNA SeqID	Protein SeqID	Gene LocusID	DNA SeqID	Protein SeqID	Gene LocusID
16991	53175	CDF101412	29053	65237	NGO100979	41114	77298	VCH101536
16992	53176	CDF101426	29054	65238	NGO100980	41115	77299	VCH101551
16993	53177	CDF101429	29055	65239	NGO100982	41116	77300	VCH101555
16994	53178	CDF101436	29056	65240	NGO100984	41117	77301	VCH101557
16995	53179	CDF101443	29057	65241	NGO100986	41118	77302	VCH101558
16996	53180	CDF101444	29058	65242	NGO100989	41119	77303	VCH101561
16997	53181	CDF101445	29059	65243	NGO100995	41120	77304	VCH101565
16998	53182	CDF101451	29060	65244	NGO100999	41121	77305	VCH101566
16999	53183	CDF101453	29061	65245	NGO101001	41122	77306	VCH101567
17000	53184	CDF101466	29062	65246	NGO101003	41123	77307	VCH101573
17001	53185	CDF101471	29063	65247	NGO101005	41124	77308	VCH101574
17002	53186	CDF101472	29064	65248	NGO101007	41125	77309	VCH101585
17003	53187	CDF101475	29065	65249	NGO101009	41126	77310	VCH101588
17004	53188	CDF101478	29066	65250	NGO101013	41127	77311	VCH101594
17005	53189	CDF101479	29067	65251	NGO101025	41128	77312	VCH101607
17006	53190	CDF101484	29068	65252	NGO101027	41129	77313	VCH101608
17007	53191	CDF101487	29069	65253	NGO101035	41130	77314	VCH101612
17008	53192	CDF101488	29070	65254	NGO101039	41131	77315	VCH101613
17009	53193	CDF101490	29071	65255	NGO101047	41132	77316	VCH101614
17010	53194	CDF101501	29072	65256	NGO101050	41133	77317	VCH101626
17011	53195	CDF101504	29073	65257	NGO101054	41134	77318	VCH101631
17012	53196	CDF101510	29074	65258	NGO101056	41135	77319	VCH101656
17013	53197	CDF101512	29075	65259	NGO101059	41136	77320	VCH101659
17014	53198	CDF101537	29076	65260	NGO101060	41137	77321	VCH101669
17015	53199	CDF101542	29077	65261	NGO101061	41138	77322	VCH101672
17016	53200	CDF101563	29078	65262	NGO101062	41139	77323	VCH101673
17017	53201	CDF101569	29079	65263	NGO101068	41140	77324	VCH101683
17018	53202	CDF101574	29080	65264	NGO101070	41141	77325	VCH101693
17019	53203	CDF101575	29081	65265	NGO101071	41142	77326	VCH101702
17020	53204	CDF101594	29082	65266	NGO101078	41143	77327	VCH101709
17021	53205	CDF101597	29083	65267	NGO101084	41144	77328	VCH101713
17022	53206	CDF101598	29084	65268	NGO101085	41145	77329	VCH101717
17023	53207	CDF101604	29085	65269	NGO101086	41146	77330	VCH101723
17024	53208	CDF101608	29086	65270	NGO101087	41147	77331	VCH101736
17025	53209	CDF101611	29087	65271	NGO101096	41148	77332	VCH101740
17026	53210	CDF101613	29088	65272	NGO101099	41149	77333	VCH101757
17027	53211	CDF101615	29089	65273	NGO101101	41150	77334	VCH101777
17028	53212	CDF101617	29090	65274	NGO101103	41151	77335	VCH101789
17029	53213	CDF101623	29091	65275	NGO101104	41152	77336	VCH101790
17030	53214	CDF101626	29092	65276	NGO101107	41153	77337	VCH101791
17031	53215	CDF101629	29093	65277	NGO101111	41154	77338	VCH101792
17032	53216	CDF101630	29094	65278	NGO101113	41155	77339	VCH101796
17033	53217	CDF101638	29095	65279	NGO101119	41156	77340	VCH101797
17034	53218	CDF101639	29096	65280	NGO101120	41157	77341	VCH101804
17035	53219	CDF101648	29097	65281	NGO101123	41158	77342	VCH101807
17036	53220	CDF101661	29098	65282	NGO101128	41159	77343	VCH101814
17037	53221	CDF101665	29099	65283	NGO101136	41160	77344	VCH101818
17038	53222	CDF101686	29100	65284	NGO101160	41161	77345	VCH101822
17039	53223	CDF101697	29101	65285	NGO101163	41162	77346	VCH101827
17040	53224	CDF101698	29102	65286	NGO101165	41163	77347	VCH101828
17041	53225	CDF101700	29103	65287	NGO101171	41164	77348	VCH101832
17042	53226	CDF101701	29104	65288	NGO101177	41165	77349	VCH101833
17043	53227	CDF101708	29105	65289	NGO101181	41166	77350	VCH101843
17044	53228	CDF101725	29106	65290	NGO101188	41167	77351	VCH101844
17045	53229	CDF101730	29107	65291	NGO101191	41168	77352	VCH101848

DNA SeqID	Protein SeqID	Gene LocusID	DNA SeqID	Protein SeqID	Gene LocusID	DNA SeqID	Protein SeqID	Gene LocusID
17046	53230	CDF101733	29108	65292	NGO101204	41169	77353	VCH101854
17047	53231	CDF101736	29109	65293	NGO101205	41170	77354	VCH101856
17048	53232	CDF101739	29110	65294	NGO101209	41171	77355	VCH101873
17049	53233	CDF101756	29111	65295	NGO101210	41172	77356	VCH101880
17050	53234	CDF101757	29112	65296	NGO101211	41173	77357	VCH101885
17051	53235	CDF101758	29113	65297	NGO101214	41174	77358	VCH101886
17052	53236	CDF101760	29114	65298	NGO101218	41175	77359	VCH101890
17053	53237	CDF101762	29115	65299	NGO101220	41176	77360	VCH101891
17054	53238	CDF101764	29116	65300	NGO101240	41177	77361	VCH101899
17055	53239	CDF101767	29117	65301	NGO101247	41178	77362	VCH101926
17056	53240	CDF101769	29118	65302	NGO101248	41179	77363	VCH101927
17057	53241	CDF101771	29119	65303	NGO101257	41180	77364	VCH101936
17058	53242	CDF101772	29120	65304	NGO101258	41181	77365	VCH101962
17059	53243	CDF101773	29121	65305	NGO101261	41182	77366	VCH101970
17060	53244	CDF101805	29122	65306	NGO101264	41183	77367	VCH101978
17061	53245	CDF101807	29123	65307	NGO101266	41184	77368	VCH101984
17062	53246	CDF101808	29124	65308	NGO101271	41185	77369	VCH101985
17063	53247	CDF101827	29125	65309	NGO101273	41186	77370	VCH101986
17064	53248	CDF101830	29126	65310	NGO101275	41187	77371	VCH101988
17065	53249	CDF101842	29127	65311	NGO101276	41188	77372	VCH101989
17066	53250	CDF101858	29128	65312	NGO101277	41189	77373	VCH101990
17067	53251	CDF101870	29129	65313	NGO101280	41190	77374	VCH101991
17068	53252	CDF101879	29130	65314	NGO101284	41191	77375	VCH101992
17069	53253	CDF101880	29131	65315	NGO101285	41192	77376	VCH101993
17070	53254	CDF101890	29132	65316	NGO101290	41193	77377	VCH101997
17071	53255	CDF101891	29133	65317	NGO101291	41194	77378	VCH102003
17072	53256	CDF101894	29134	65318	NGO101296	41195	77379	VCH102013
17073	53257	CDF101910	29135	65319	NGO101297	41196	77380	VCH102018
17074	53258	CDF101911	29136	65320	NGO101301	41197	77381	VCH102024
17075	53259	CDF101928	29137	65321	NGO101306	41198	77382	VCH102029
17076	53260	CDF101932	29138	65322	NGO101307	41199	77383	VCH102032
17077	53261	CDF101971	29139	65323	NGO101308	41200	77384	VCH102033
17078	53262	CDF101975	29140	65324	NGO101309	41201	77385	VCH102042
17079	53263	CDF101977	29141	65325	NGO101314	41202	77386	VCH102046
17080	53264	CDF102022	29142	65326	NGO101318	41203	77387	VCH102052
17081	53265	CDF102023	29143	65327	NGO101321	41204	77388	VCH102055
17082	53266	CDF102031	29144	65328	NGO101323	41205	77389	VCH102057
17083	53267	CDF102033	29145	65329	NGO101326	41206	77390	VCH102060
17084	53268	CDF102071	29146	65330	NGO101334	41207	77391	VCH102065
17085	53269	CDF102075	29147	65331	NGO101341	41208	77392	VCH102075
17086	53270	CDF102080	29148	65332	NGO101342	41209	77393	VCH102076
17087	53271	CDF102082	29149	65333	NGO101344	41210	77394	VCH102083
17088	53272	CDF102097	29150	65334	NGO101348	41211	77395	VCH102087
17089	53273	CDF102100	29151	65335	NGO101351	41212	77396	VCH102099
17090	53274	CDF102102	29152	65336	NGO101356	41213	77397	VCH102112
17091	53275	CDF102110	29153	65337	NGO101357	41214	77398	VCH102141
17092	53276	CDF102112	29154	65338	NGO101359	41215	77399	VCH102142
17093	53277	CDF102115	29155	65339	NGO101375	41216	77400	VCH102144
17094	53278	CDF102122	29156	65340	NGO101376	41217	77401	VCH102145
17095	53279	CDF102133	29157	65341	NGO101381	41218	77402	VCH102146
17096	53280	CDF102134	29158	65342	NGO101384	41219	77403	VCH102147
17097	53281	CDF102156	29159	65343	NGO101385	41220	77404	VCH102150
17098	53282	CDF102160	29160	65344	NGO101386	41221	77405	VCH102152
17099	53283	CDF102163	29161	65345	NGO101390	41222	77406	VCH102165
17100	53284	CDF102168	29162	65346	NGO101393	41223	77407	VCH102180

DNA SeqID	Protein SeqID	Gene LocusID	DNA SeqID	Protein SeqID	Gene LocusID	DNA SeqID	Protein SeqID	Gene LocusID
17101	53285	CDF102169	29163	65347	NGO101394	41224	77408	VCH102181
17102	53286	CDF102172	29164	65348	NGO101399	41225	77409	VCH102186
17103	53287	CDF102182	29165	65349	NGO101400	41226	77410	VCH102191
17104	53288	CDF102190	29166	65350	NGO101406	41227	77411	VCH102208
17105	53289	CDF102194	29167	65351	NGO101407	41228	77412	VCH102210
17106	53290	CDF102197	29168	65352	NGO101420	41229	77413	VCH102211
17107	53291	CDF102198	29169	65353	NGO101427	41230	77414	VCH102212
17108	53292	CDF102200	29170	65354	NGO101432	41231	77415	VCH102213
17109	53293	CDF102218	29171	65355	NGO101440	41232	77416	VCH102215
17110	53294	CDF102230	29172	65356	NGO101445	41233	77417	VCH102216
17111	53295	CDF102241	29173	65357	NGO101449	41234	77418	VCH102221
17112	53296	CDF102256	29174	65358	NGO101461	41235	77419	VCH102222
17113	53297	CDF102264	29175	65359	NGO101470	41236	77420	VCH102223
17114	53298	CDF102268	29176	65360	NGO101471	41237	77421	VCH102224
17115	53299	CDF102271	29177	65361	NGO101474	41238	77422	VCH102225
17116	53300	CDF102273	29178	65362	NGO101477	41239	77423	VCH102226
17117	53301	CDF102281	29179	65363	NGO101479	41240	77424	VCH102228
17118	53302	CDF102290	29180	65364	NGO101492	41241	77425	VCH102232
17119	53303	CDF102294	29181	65365	NGO101494	41242	77426	VCH102233
17120	53304	CDF102295	29182	65366	NGO101498	41243	77427	VCH102234
17121	53305	CDF102299	29183	65367	NGO101515	41244	77428	VCH102235
17122	53306	CDF102303	29184	65368	NGO101519	41245	77429	VCH102236
17123	53307	CDF102305	29185	65369	NGO101522	41246	77430	VCH102237
17124	53308	CDF102312	29186	65370	NGO101532	41247	77431	VCH102239
17125	53309	CDF102314	29187	65371	NGO101542	41248	77432	VCH102285
17126	53310	CDF102323	29188	65372	NGO101561	41249	77433	VCH102289
17127	53311	CDF102335	29189	65373	NGO101563	41250	77434	VCH102308
17128	53312	CDF102339	29190	65374	NGO101564	41251	77435	VCH102315
17129	53313	CDF102341	29191	65375	NGO101565	41252	77436	VCH102325
17130	53314	CDF102345	29192	65376	NGO101574	41253	77437	VCH102327
17131	53315	CDF102346	29193	65377	NGO101576	41254	77438	VCH102328
17132	53316	CDF102350	29194	65378	NGO101578	41255	77439	VCH102329
17133	53317	CDF102353	29195	65379	NGO101582	41256	77440	VCH102338
17134	53318	CDF102363	29196	65380	NGO101585	41257	77441	VCH102339
17135	53319	CDF102374	29197	65381	NGO101587	41258	77442	VCH102341
17136	53320	CDF102385	29198	65382	NGO101594	41259	77443	VCH102342
17137	53321	CDF102396	29199	65383	NGO101595	41260	77444	VCH102344
17138	53322	CDF102404	29200	65384	NGO101601	41261	77445	VCH102346
17139	53323	CDF102412	29201	65385	NGO101603	41262	77446	VCH102350
17140	53324	CDF102419	29202	65386	NGO101613	41263	77447	VCH102354
17141	53325	CDF102422	29203	65387	NGO101615	41264	77448	VCH102355
17142	53326	CDF102434	29204	65388	NGO101616	41265	77449	VCH102356
17143	53327	CDF102436	29205	65389	NGO101617	41266	77450	VCH102359
17144	53328	CDF102440	29206	65390	NGO101619	41267	77451	VCH102361
17145	53329	CDF102441	29207	65391	NGO101620	41268	77452	VCH102362
17146	53330	CDF102444	29208	65392	NGO101623	41269	77453	VCH102363
17147	53331	CDF102447	29209	65393	NGO101626	41270	77454	VCH102364
17148	53332	CDF102465	29210	65394	NGO101627	41271	77455	VCH102365
17149	53333	CDF102470	29211	65395	NGO101628	41272	77456	VCH102366
17150	53334	CDF102471	29212	65396	NGO101630	41273	77457	VCH102367
17151	53335	CDF102483	29213	65397	NGO101631	41274	77458	VCH102368
17152	53336	CDF102505	29214	65398	NGO101632	41275	77459	VCH102369
17153	53337	CDF102522	29215	65399	NGO101633	41276	77460	VCH102370
17154	53338	CDF102528	29216	65400	NGO101635	41277	77461	VCH102371
17155	53339	CDF102535	29217	65401	NGO101637	41278	77462	VCH102372

DNA SeqID	Protein SeqID	Gene LocusID	DNA SeqID	Protein SeqID	Gene LocusID	DNA SeqID	Protein SeqID	Gene LocusID
17156	53340	CDF102548	29218	65402	NGO101638	41279	77463	VCH102374
17157	53341	CDF102552	29219	65403	NGO101640	41280	77464	VCH102377
17158	53342	CDF102556	29220	65404	NGO101641	41281	77465	VCH102378
17159	53343	CDF102560	29221	65405	NGO101642	41282	77466	VCH102380
17160	53344	CDF102581	29222	65406	NGO101643	41283	77467	VCH102382
17161	53345	CDF102584	29223	65407	NGO101656	41284	77468	VCH102383
17162	53346	CDF102594	29224	65408	NGO101658	41285	77469	VCH102384
17163	53347	CDF102596	29225	65409	NGO101663	41286	77470	VCH102393
17164	53348	CDF102599	29226	65410	NGO101665	41287	77471	VCH102398
17165	53349	CDF102611	29227	65411	NGO101667	41288	77472	VCH102399
17166	53350	CDF102622	29228	65412	NGO101670	41289	77473	VCH102404
17167	53351	CDF102626	29229	65413	NGO101672	41290	77474	VCH102406
17168	53352	CDF102635	29230	65414	NGO101673	41291	77475	VCH102409
17169	53353	CDF102641	29231	65415	NGO101678	41292	77476	VCH102410
17170	53354	CDF102644	29232	65416	NGO101679	41293	77477	VCH102411
17171	53355	CDF102669	29233	65417	NGO101686	41294	77478	VCH102412
17172	53356	CDF102682	29234	65418	NGO101687	41295	77479	VCH102414
17173	53357	CDF102694	29235	65419	NGO101699	41296	77480	VCH102415
17174	53358	CDF102700	29236	65420	NGO101700	41297	77481	VCH102421
17175	53359	CDF102708	29237	65421	NGO101704	41298	77482	VCH102424
17176	53360	CDF102709	29238	65422	NGO101705	41299	77483	VCH102426
17177	53361	CDF102713	29239	65423	NGO101717	41300	77484	VCH102435
17178	53362	CDF102720	29240	65424	NGO101723	41301	77485	VCH102436
17179	53363	CDF102721	29241	65425	NGO101724	41302	77486	VCH102438
17180	53364	CDF102723	29242	65426	NGO101731	41303	77487	VCH102443
17181	53365	CDF102732	29243	65427	NGO101737	41304	77488	VCH102446
17182	53366	CDF102735	29244	65428	NGO101739	41305	77489	VCH102447
17183	53367	CDF102736	29245	65429	NGO101743	41306	77490	VCH102452
17184	53368	CDF102742	29246	65430	NGO101754	41307	77491	VCH102456
17185	53369	CDF102758	29247	65431	NGO101758	41308	77492	VCH102465
17186	53370	CDF102762	29248	65432	NGO101759	41309	77493	VCH102466
17187	53371	CDF102772	29249	65433	NGO101761	41310	77494	VCH102467
17188	53372	CDF102776	29250	65434	NGO101762	41311	77495	VCH102472
17189	53373	CDF102791	29251	65435	NGO101768	41312	77496	VCH102478
17190	53374	CDF102795	29252	65436	NGO101770	41313	77497	VCH102491
17191	53375	CDF102800	29253	65437	NGO101772	41314	77498	VCH102495
17192	53376	CDF102803	29254	65438	NGO101773	41315	77499	VCH102497
17193	53377	CDF102812	29255	65439	NGO101776	41316	77500	VCH102499
17194	53378	CDF102815	29256	65440	NGO101791	41317	77501	VCH102502
17195	53379	CDF102818	29257	65441	NGO101799	41318	77502	VCH102510
17196	53380	CDF102819	29258	65442	NGO101807	41319	77503	VCH102521
17197	53381	CDF102828	29259	65443	NGO101815	41320	77504	VCH102524
17198	53382	CDF102839	29260	65444	NGO101819	41321	77505	VCH102527
17199	53383	CDF102844	29261	65445	NGO101829	41322	77506	VCH102532
17200	53384	CDF102870	29262	65446	NGO101832	41323	77507	VCH102533
17201	53385	CDF102872	29263	65447	NGO101834	41324	77508	VCH102534
17202	53386	CDF102875	29264	65448	NGO101835	41325	77509	VCH102535
17203	53387	CDF102888	29265	65449	NGO101840	41326	77510	VCH102536
17204	53388	CDF102901	29266	65450	NGO101844	41327	77511	VCH102537
17205	53389	CDF102912	29267	65451	NGO101847	41328	77512	VCH102538
17206	53390	CDF102915	29268	65452	NGO101849	41329	77513	VCH102539
17207	53391	CDF102916	29269	65453	NGO101850	41330	77514	VCH102540
17208	53392	CDF102919	29270	65454	NGO101851	41331	77515	VCH102541
17209	53393	CDF102920	29271	65455	NGO101853	41332	77516	VCH102542
17210	53394	CDF102926	29272	65456	NGO101854	41333	77517	VCH102543

DNA SeqID	Protein SeqID	Gene LocusID	DNA SeqID	Protein SeqID	Gene LocusID	DNA SeqID	Protein SeqID	Gene LocusID
17211	53395	CDF102934	29273	65457	NGO101855	41334	77518	VCH102544
17212	53396	CDF102939	29274	65458	NGO101858	41335	77519	VCH102545
17213	53397	CDF102948	29275	65459	NGO101860	41336	77520	VCH102546
17214	53398	CDF102952	29276	65460	NGO101868	41337	77521	VCH102547
17215	53399	CDF102956	29277	65461	NGO101870	41338	77522	VCH102548
17216	53400	CDF102964	29278	65462	NGO101872	41339	77523	VCH102549
17217	53401	CDF102976	29279	65463	NGO101874	41340	77524	VCH102550
17218	53402	CDF102979	29280	65464	NGO101878	41341	77525	VCH102551
17219	53403	CDF102980	29281	65465	NGO101881	41342	77526	VCH102552
17220	53404	CDF102990	29282	65466	NGO101883	41343	77527	VCH102553
17221	53405	CDF102998	29283	65467	NGO101887	41344	77528	VCH102554
17222	53406	CDF103015	29284	65468	NGO101889	41345	77529	VCH102555
17223	53407	CDF103020	29285	65469	NGO101892	41346	77530	VCH102556
17224	53408	CDF103030	29286	65470	NGO101895	41347	77531	VCH102557
17225	53409	CDF103032	29287	65471	NGO101896	41348	77532	VCH102558
17226	53410	CDF103033	29288	65472	NGO101899	41349	77533	VCH102559
17227	53411	CDF103036	29289	65473	NGO101903	41350	77534	VCH102560
17228	53412	CDF103042	29290	65474	NGO101904	41351	77535	VCH102565
17229	53413	CDF103045	29291	65475	NGO101908	41352	77536	VCH102579
17230	53414	CDF103058	29292	65476	NGO101913	41353	77537	VCH102581
17231	53415	CDF103080	29293	65477	NGO101914	41354	77538	VCH102583
17232	53416	CDF103094	29294	65478	NGO101916	41355	77539	VCH102586
17233	53417	CDF103097	29295	65479	NGO101920	41356	77540	VCH102598
17234	53418	CDF103106	29296	65480	NGO101923	41357	77541	VCH102600
17235	53419	CDF103113	29297	65481	NGO101926	41358	77542	VCH102604
17236	53420	CDF103119	29298	65482	NGO101927	41359	77543	VCH102612
17237	53421	CDF103132	29299	65483	NGO101928	41360	77544	VCH102614
17238	53422	CDF103133	29300	65484	NGO101930	41361	77545	VCH102617
17239	53423	CDF103152	29301	65485	NGO101932	41362	77546	VCH102618
17240	53424	CDF103162	29302	65486	NGO101933	41363	77547	VCH102627
17241	53425	CDF103166	29303	65487	NGO101935	41364	77548	VCH102632
17242	53426	CDF103177	29304	65488	NGO101937	41365	77549	VCH102638
17243	53427	CDF103179	29305	65489	NGO101941	41366	77550	VCH102645
17244	53428	CDF103183	29306	65490	NGO101943	41367	77551	VCH102651
17245	53429	CDF103189	29307	65491	NGO101945	41368	77552	VCH102652
17246	53430	CDF103190	29308	65492	NGO101947	41369	77553	VCH102654
17247	53431	CDF103193	29309	65493	NGO101948	41370	77554	VCH102658
17248	53432	CDF103200	29310	65494	NGO101961	41371	77555	VCH102668
17249	53433	CDF103201	29311	65495	NGO101964	41372	77556	VCH102672
17250	53434	CDF103227	29312	65496	NGO101966	41373	77557	VCH102675
17251	53435	CDF103236	29313	65497	NGO101970	41374	77558	VCH102678
17252	53436	CDF103240	29314	65498	NGO101975	41375	77559	VCH102696
17253	53437	CDF103247	29315	65499	NGO101976	41376	77560	VCH102697
17254	53438	CDF103249	29316	65500	NGO101981	41377	77561	VCH102699
17255	53439	CDF103251	29317	65501	NGO101986	41378	77562	VCH102705
17256	53440	CDF103262	29318	65502	NGO101989	41379	77563	VCH102707
17257	53441	CDF103263	29319	65503	NGO101993	41380	77564	VCH102709
17258	53442	CDF103274	29320	65504	NGO102003	41381	77565	VCH102720
17259	53443	CDF103288	29321	65505	NGO102004	41382	77566	VCH102723
17260	53444	CDF103290	29322	65506	NGO102006	41383	77567	VCH102727
17261	53445	CDF103294	29323	65507	NGO102007	41384	77568	VCH102728
17262	53446	CDF103297	29324	65508	NGO102008	41385	77569	VCH102730
17263	53447	CDF103315	29325	65509	NGO102016	41386	77570	VCH102731
17264	53448	CDF103324	29326	65510	NGO102022	41387	77571	VCH102734
17265	53449	CDF103325	29327	65511	NGO102024	41388	77572	VCH102735

DNA SeqID	Protein SeqID	Gene LocusID	DNA SeqID	Protein SeqID	Gene LocusID	DNA SeqID	Protein SeqID	Gene LocusID
17266	53450	CDF103326	29328	65512	NGO102027	41389	77573	VCH102736
17267	53451	CDF103337	29329	65513	NGO102033	41390	77574	VCH102742
17268	53452	CDF103342	29330	65514	NGO102035	41391	77575	VCH102754
17269	53453	CDF103346	29331	65515	NGO102044	41392	77576	VCH102759
17270	53454	CDF103349	29332	65516	NGO102045	41393	77577	VCH102794
17271	53455	CDF103355	29333	65517	NGO102048	41394	77578	VCH102800
17272	53456	CDF103357	29334	65518	NGO102060	41395	77579	VCH102807
17273	53457	CDF103367	29335	65519	NGO102122	41396	77580	VCH102813
17274	53458	CDF103369	29336	65520	NGO102340	41397	77581	VCH102815
17275	53459	CDF103374	29337	65521	NGO102402	41398	77582	VCH102833
17276	53460	CDF103376	29338	65522	NGO102451	41399	77583	VCH102834
17277	53461	CDF103392	29339	65523	NGO102470	41400	77584	VCH102835
17278	53462	CDF103395	29340	65524	NGO102478	41401	77585	VCH102859
17279	53463	CDF103398	29341	65525	NGO102494	41402	77586	VCH102863
17280	53464	CDF103406	29342	65526	NGO102501	41403	77587	VCH102865
17281	53465	CDF103409	29343	65527	NGO102546	41404	77588	VCH102866
17282	53466	CDF103411	29344	65528	NGO102594	41405	77589	VCH102882
17283	53467	CDF103424	29345	65529	NGO102668	41406	77590	VCH102892
17284	53468	CDF103450	29346	65530	NGO102690	41407	77591	VCH102911
17285	53469	CDF103451	29347	65531	NGO102691	41408	77592	VCH102915
17286	53470	CDF103454	29348	65532	NGO102695	41409	77593	VCH102929
17287	53471	CDF103463	29349	65533	NGO102702	41410	77594	VCH102941
17288	53472	CDF103467	29350	65534	NGO102756	41411	77595	VCH102948
17289	53473	CDF103476	29351	65535	NGO102937	41412	77596	VCH102962
17290	53474	CDF103505	29352	65536	NGO102970	41413	77597	VCH102965
17291	53475	CDF103506	29353	65537	NGO103053	41414	77598	VCH102977
17292	53476	CDF103514	29354	65538	NGO103107	41415	77599	VCH102978
17293	53477	CDF103521	29355	65539	NGO103118	41416	77600	VCH102979
17294	53478	CDF103530	29356	65540	NGO103134	41417	77601	VCH102980
17295	53479	CDF103531	29357	65541	NGO103266	41418	77602	VCH103001
17296	53480	CDF103540	29358	65542	NGO103389	41419	77603	VCH103010
17297	53481	CDF103547	29359	65543	NGO103576	41420	77604	VCH103013
17298	53482	CDF103551	29360	65544	NGO103600	41421	77605	VCH103018
17299	53483	CDF103552	29361	65545	NGO103623	41422	77606	VCH103019
17300	53484	CDF103555	29362	65546	NGO103626	41423	77607	VCH103020
17301	53485	CDF103560	29363	65547	NGO103629	41424	77608	VCH103030
17302	53486	CDF103562	29364	65548	NGO103687	41425	77609	VCH103198
17303	53487	CDF103563	29365	65549	NGO103743	41426	77610	VCH103209
17304	53488	CDF103566	29366	65550	NME100236	41427	77611	VCH103214
17305	53489	CDF103571	29367	65551	NME100252	41428	77612	VCH103237
17306	53490	CDF103575	29368	65552	NME100470	41429	77613	VCH103241
17307	53491	CDF103578	29369	65553	NME100473	41430	77614	VCH103245
17308	53492	CDF103581	29370	65554	NME100672	41431	77615	VCH103246
17309	53493	CDF103586	29371	65555	NME100865	41432	77616	VCH103249
17310	53494	CDF103594	29372	65556	NME100881	41433	77617	VCH103253
17311	53495	CDF103596	29373	65557	NME101006	41434	77618	VCH103254
17312	53496	CDF103625	29374	65558	NME101282	41435	77619	VCH103256
17313	53497	CDF103636	29375	65559	NME101639	41436	77620	VCH103263
17314	53498	CDF103637	29376	65560	NME101733	41437	77621	VCH103268
17315	53499	CDF103639	29377	65561	NME101919	41438	77622	VCH103270
17316	53500	CDF103650	29378	65562	NME102042	41439	77623	VCH103287
17317	53501	CDF103659	29379	65563	NME102130	41440	77624	VCH103296
17318	53502	CDF103661	29380	65564	NME102132	41441	77625	VCH103300
17319	53503	CDF103672	29381	65565	NME102279	41442	77626	VCH103302
17320	53504	CDF103674	29382	65566	NME102614	41443	77627	VCH103315

DNA SeqID	Protein SeqID	Gene LocusID	DNA SeqID	Protein SeqID	Gene LocusID	DNA SeqID	Protein SeqID	Gene LocusID
17321	53505	CDF103678	29383	65567	NME102710	41444	77628	VCH103341
17322	53506	CDF103680	29384	65568	NME103001	41445	77629	VCH103344
17323	53507	CDF103684	29385	65569	NME103365	41446	77630	VCH103346
17324	53508	CDF103688	29386	65570	NME103369	41447	77631	VCH103347
17325	53509	CDF103692	29387	65571	NME104849	41448	77632	VCH103365
17326	53510	CDF103715	29388	65572	NME105091	41449	77633	VCH103392
17327	53511	CDF103720	29389	65573	NME200002	41450	77634	VCH103397
17328	53512	CDF103732	29390	65574	NME200004	41451	77635	VCH103400
17329	53513	CDF103744	29391	65575	NME200010	41452	77636	VCH103408
17330	53514	CDF103746	29392	65576	NME200014	41453	77637	VCH103412
17331	53515	CDF103752	29393	65577	NME200015	41454	77638	VCH103430
17332	53516	CDF103755	29394	65578	NME200026	41455	77639	VCH103431
17333	53517	CDF103760	29395	65579	NME200029	41456	77640	VCH103435
17334	53518	CDF103765	29396	65580	NME200041	41457	77641	VCH103439
17335	53519	CDF103770	29397	65581	NME200042	41458	77642	VCH103445
17336	53520	CDF103771	29398	65582	NME200047	41459	77643	VCH103447
17337	53521	CDF103776	29399	65583	NME200053	41460	77644	VCH103448
17338	53522	CDF103778	29400	65584	NME200054	41461	77645	VCH103465
17339	53523	CDF103782	29401	65585	NME200057	41462	77646	VCH103469
17340	53524	CDF103784	29402	65586	NME200061	41463	77647	VCH103478
17341	53525	CDF103795	29403	65587	NME200064	41464	77648	VCH103496
17342	53526	CDF103797	29404	65588	NME200069	41465	77649	VCH103500
17343	53527	CDF103801	29405	65589	NME200070	41466	77650	VCH103501
17344	53528	CDF103804	29406	65590	NME200071	41467	77651	VCH103502
17345	53529	CDF103805	29407	65591	NME200072	41468	77652	VCH103503
17346	53530	CDF103808	29408	65592	NME200075	41469	77653	VCH103521
17347	53531	CDF103810	29409	65593	NME200076	41470	77654	VCH103522
17348	53532	CDF103820	29410	65594	NME200077	41471	77655	VCH103524
17349	53533	CDF103821	29411	65595	NME200082	41472	77656	VCH103525
17350	53534	CDF103827	29412	65596	NME200083	41473	77657	VCH103533
17351	53535	CDF103831	29413	65597	NME200089	41474	77658	VCH103534
17352	53536	CDF103872	29414	65598	NME200096	41475	77659	VCH103540
17353	53537	CDF103877	29415	65599	NME200097	41476	77660	VCH103555
17354	53538	CDF103879	29416	65600	NME200098	41477	77661	VCH103556
17355	53539	CDF103887	29417	65601	NME200099	41478	77662	VCH103557
17356	53540	CDF103888	29418	65602	NME200100	41479	77663	VCH103569
17357	53541	CDF103902	29419	65603	NME200101	41480	77664	VCH103582
17358	53542	CDF103903	29420	65604	NME200102	41481	77665	VCH103587
17359	53543	CDF103906	29421	65605	NME200103	41482	77666	VCH103591
17360	53544	CDF103911	29422	65606	NME200104	41483	77667	VCH103592
17361	53545	CDF103913	29423	65607	NME200105	41484	77668	VCH103597
17362	53546	CDF103914	29424	65608	NME200106	41485	77669	VCH103605
17363	53547	CDF103915	29425	65609	NME200107	41486	77670	VCH103606
17364	53548	CDF103927	29426	65610	NME200108	41487	77671	VCH103615
17365	53549	CDF103929	29427	65611	NME200109	41488	77672	VCH103617
17366	53550	CDF103937	29428	65612	NME200110	41489	77673	VCH103624
17367	53551	CDF103938	29429	65613	NME200111	41490	77674	VCH103644
17368	53552	CDF103939	29430	65614	NME200112	41491	77675	VCH103663
17369	53553	CDF103947	29431	65615	NME200113	41492	77676	VCH103664
17370	53554	CDF103949	29432	65616	NME200114	41493	77677	VCH103690
17371	53555	CDF103952	29433	65617	NME200115	41494	77678	VCH103693
17372	53556	CDF103953	29434	65618	NME200116	41495	77679	VCH103702
17373	53557	CDF103962	29435	65619	NME200117	41496	77680	VCH103704
17374	53558	CDF103965	29436	65620	NME200118	41497	77681	VCH103717
17375	53559	CDF103974	29437	65621	NME200119	41498	77682	VCH103722

DNA SeqID	Protein SeqID	Gene LocusID	DNA SeqID	Protein SeqID	Gene LocusID	DNA SeqID	Protein SeqID	Gene LocusID
17376	53560	CDF103976	29438	65622	NME200120	41499	77683	VCH103726
17377	53561	CDF103985	29439	65623	NME200121	41500	77684	VCH103730
17378	53562	CDF103991	29440	65624	NME200122	41501	77685	VCH103735
17379	53563	CDF103994	29441	65625	NME200123	41502	77686	VCH103743
17380	53564	CDF103997	29442	65626	NME200125	41503	77687	VCH103746
17381	53565	CDF103998	29443	65627	NME200127	41504	77688	VCH103754
17382	53566	CDF104004	29444	65628	NME200128	41505	77689	VCH103755
17383	53567	CDF104012	29445	65629	NME200129	41506	77690	VCH103757
17384	53568	CDF104017	29446	65630	NME200130	41507	77691	VCH103759
17385	53569	CDF104028	29447	65631	NME200131	41508	77692	VCH103762
17386	53570	CDF104041	29448	65632	NME200135	41509	77693	VCH103763
17387	53571	CDF104046	29449	65633	NME200136	41510	77694	VCH103764
17388	53572	CDF104047	29450	65634	NME200137	41511	77695	VCH103799
17389	53573	CDF104052	29451	65635	NME200138	41512	77696	VCH103807
17390	53574	CDF104057	29452	65636	NME200139	41513	77697	VCH103812
17391	53575	CDF104086	29453	65637	NME200140	41514	77698	VCH103825
17392	53576	CDF104095	29454	65638	NME200141	41515	77699	VCH103826
17393	53577	CDF104102	29455	65639	NME200142	41516	77700	YPS000004
17394	53578	CDF104113	29456	65640	NME200143	41517	77701	YPS000005
17395	53579	CDF104123	29457	65641	NME200144	41518	77702	YPS000008
17396	53580	CDF104126	29458	65642	NME200149	41519	77703	YPS000011
17397	53581	CDF104127	29459	65643	NME200153	41520	77704	YPS000017
17398	53582	CDF104133	29460	65644	NME200155	41521	77705	YPS000024
17399	53583	CDF104135	29461	65645	NME200158	41522	77706	YPS000029
17400	53584	CDF104139	29462	65646	NME200171	41523	77707	YPS000030
17401	53585	CDF104151	29463	65647	NME200172	41524	77708	YPS000041
17402	53586	CDF104152	29464	65648	NME200185	41525	77709	YPS000049
17403	53587	CDF104153	29465	65649	NME200186	41526	77710	YPS000050
17404	53588	CDF104166	29466	65650	NME200190	41527	77711	YPS000052
17405	53589	CDF104168	29467	65651	NME200203	41528	77712	YPS000053
17406	53590	CDF104179	29468	65652	NME200206	41529	77713	YPS000055
17407	53591	CDF104187	29469	65653	NME200207	41530	77714	YPS000060
17408	53592	CDF104196	29470	65654	NME200209	41531	77715	YPS000064
17409	53593	CDF104197	29471	65655	NME200210	41532	77716	YPS000069
17410	53594	CDF104202	29472	65656	NME200212	41533	77717	YPS000070
17411	53595	CDF104210	29473	65657	NME200216	41534	77718	YPS000071
17412	53596	CDF104218	29474	65658	NME200226	41535	77719	YPS000074
17413	53597	CDF104232	29475	65659	NME200227	41536	77720	YPS000084
17414	53598	CDF104256	29476	65660	NME200229	41537	77721	YPS000085
17415	53599	CDF104259	29477	65661	NME200230	41538	77722	YPS000089
17416	53600	CDF104265	29478	65662	NME200231	41539	77723	YPS000093
17417	53601	CDF104280	29479	65663	NME200232	41540	77724	YPS000097
17418	53602	CDF104286	29480	65664	NME200234	41541	77725	YPS000098
17419	53603	CDF104289	29481	65665	NME200241	41542	77726	YPS000099
17420	53604	CDF104297	29482	65666	NME200242	41543	77727	YPS000102
17421	53605	CDF104306	29483	65667	NME200243	41544	77728	YPS000110
17422	53606	CDF104307	29484	65668	NME200246	41545	77729	YPS000124
17423	53607	CDF104311	29485	65669	NME200247	41546	77730	YPS000126
17424	53608	CDF104317	29486	65670	NME200254	41547	77731	YPS000129
17425	53609	CDF104319	29487	65671	NME200259	41548	77732	YPS000130
17426	53610	CDF104322	29488	65672	NME200260	41549	77733	YPS000131
17427	53611	CDF104332	29489	65673	NME200263	41550	77734	YPS000132
17428	53612	CDF104333	29490	65674	NME200265	41551	77735	YPS000135
17429	53613	CDF104338	29491	65675	NME200267	41552	77736	YPS000139
17430	53614	CDF104341	29492	65676	NME200270	41553	77737	YPS000146

DNA SeqID	Protein SeqID	Gene LocusID	DNA SeqID	Protein SeqID	Gene LocusID	DNA SeqID	Protein SeqID	Gene LocusID
17431	53615	CDF104345	29493	65677	NME200271	41554	77738	YPS000147
17432	53616	CDF104368	29494	65678	NME200274	41555	77739	YPS000152
17433	53617	CDF104371	29495	65679	NME200276	41556	77740	YPS000155
17434	53618	CDF104379	29496	65680	NME200304	41557	77741	YPS000157
17435	53619	CDF104394	29497	65681	NME200305	41558	77742	YPS000160
17436	53620	CDF104406	29498	65682	NME200306	41559	77743	YPS000161
17437	53621	CDF104417	29499	65683	NME200308	41560	77744	YPS000162
17438	53622	CDF104423	29500	65684	NME200310	41561	77745	YPS000163
17439	53623	CDF104427	29501	65685	NME200318	41562	77746	YPS000164
17440	53624	CDF104436	29502	65686	NME200322	41563	77747	YPS000166
17441	53625	CDF104440	29503	65687	NME200324	41564	77748	YPS000169
17442	53626	CDF104477	29504	65688	NME200328	41565	77749	YPS000170
17443	53627	CDF104480	29505	65689	NME200331	41566	77750	YPS000171
17444	53628	CDF104494	29506	65690	NME200335	41567	77751	YPS000173
17445	53629	CDF104515	29507	65691	NME200337	41568	77752	YPS000177
17446	53630	CDF104542	29508	65692	NME200343	41569	77753	YPS000179
17447	53631	CDF104545	29509	65693	NME200347	41570	77754	YPS000180
17448	53632	CDF104551	29510	65694	NME200349	41571	77755	YPS000185
17449	53633	CDF104552	29511	65695	NME200352	41572	77756	YPS000188
17450	53634	CDF104553	29512	65696	NME200353	41573	77757	YPS000189
17451	53635	CDF104554	29513	65697	NME200364	41574	77758	YPS000193
17452	53636	CDF104561	29514	65698	NME200365	41575	77759	YPS000197
17453	53637	CDF104563	29515	65699	NME200366	41576	77760	YPS000205
17454	53638	CDF104582	29516	65700	NME200373	41577	77761	YPS000208
17455	53639	CDF104583	29517	65701	NME200375	41578	77762	YPS000210
17456	53640	CDP100001	29518	65702	NME200377	41579	77763	YPS000211
17457	53641	CDP100002	29519	65703	NME200389	41580	77764	YPS000215
17458	53642	CDP100003	29520	65704	NME200399	41581	77765	YPS000219
17459	53643	CDP100007	29521	65705	NME200412	41582	77766	YPS000221
17460	53644	CDP100008	29522	65706	NME200413	41583	77767	YPS000228
17461	53645	CDP100014	29523	65707	NME200415	41584	77768	YPS000233
17462	53646	CDP100016	29524	65708	NME200417	41585	77769	YPS000235
17463	53647	CDP100018	29525	65709	NME200420	41586	77770	YPS000240
17464	53648	CDP100020	29526	65710	NME200423	41587	77771	YPS000242
17465	53649	CDP100022	29527	65711	NME200426	41588	77772	YPS000246
17466	53650	CDP100024	29528	65712	NME200427	41589	77773	YPS000256
17467	53651	CDP100027	29529	65713	NME200429	41590	77774	YPS000263
17468	53652	CDP100028	29530	65714	NME200430	41591	77775	YPS000265
17469	53653	CDP100030	29531	65715	NME200440	41592	77776	YPS000266
17470	53654	CDP100031	29532	65716	NME200446	41593	77777	YPS000268
17471	53655	CDP100042	29533	65717	NME200455	41594	77778	YPS000270
17472	53656	CDP100045	29534	65718	NME200457	41595	77779	YPS000286
17473	53657	CDP100046	29535	65719	NME200459	41596	77780	YPS000319
17474	53658	CDP100047	29536	65720	NME200461	41597	77781	YPS000320
17475	53659	CDP100048	29537	65721	NME200463	41598	77782	YPS000331
17476	53660	CDP100049	29538	65722	NME200466	41599	77783	YPS000333
17477	53661	CDP100053	29539	65723	NME200467	41600	77784	YPS000334
17478	53662	CDP100056	29540	65724	NME200470	41601	77785	YPS000335
17479	53663	CDP100057	29541	65725	NME200471	41602	77786	YPS000338
17480	53664	CDP100062	29542	65726	NME200477	41603	77787	YPS000339
17481	53665	CDP100064	29543	65727	NME200478	41604	77788	YPS000343
17482	53666	CDP100068	29544	65728	NME200479	41605	77789	YPS000345
17483	53667	CDP100071	29545	65729	NME200480	41606	77790	YPS000346
17484	53668	CDP100074	29546	65730	NME200481	41607	77791	YPS000348
17485	53669	CDP100078	29547	65731	NME200485	41608	77792	YPS000350